



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

PERMIT CARD – PLEASE POST AT JOB SITE

THIS DOCUMENT BECOMES YOUR PERMIT WHEN PROPERLY VALIDATED

Per FBC 105.3.3: An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies." The issuance of this permit does not grant permission to violate any applicable City, Orange County, State of Florida and/or Federal codes and/or ordinances. Separate permits are required for Signs, Roofing, Electrical, Gas, Plumbing and Mechanical services. This permit becomes VOID if the work authorized is not commenced within 6 months, or is suspended or abandoned for a period of 6 months after commencement. **WORK SHALL BE CONSIDERED SUSPENDED IF AN APPROVED INSPECTION HAS NOT BEEN MADE WITHIN A 6 MONTH PERIOD.** PERMISSION IS GRANTED TO DO THE FOLLOWING WORK ACCORDING TO THE CONDITIONS HEREON AND THE APPROVED PLANS AND SPECIFICATIONS, SUBJECT TO COMPLIANCE WITH THE ORDINANCES OF THE CITY OF BELLE ISLE, FLORIDA.

Scope of Work: ROOF: Re-roof 33 squares of modified bitumen

Comments: None

Project Information
 Address: 3106 Indian Drive, Belle Isle, FL 32812
 Parcel ID: 29-23-30-4389-03-030
 Property Owner: Lindas, Steven & Butler, William
 Phone Number: 407 601 2072

 Company Name: Brite Top Roofing
 Contractor Name: LeBlanc, Dale
 License Number: CCL058108
 Address: PO Box 590325, Orlando, FL 32859
 Phone Number: 407 895 1551

Permit Number: 2016-04-022

Date of Application: 04/14/2016
Date Permit Issued: 04/15/2016

WARNING TO OWNER: "YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT." ON THE JOB INSPECTION(S) MUST BE MADE BEFORE PROCEEDING WITH SUBSEQUENT WORK. THIS CARD MUST BE DISPLAYED OUTSIDE AND BE PROTECTED FROM THE WEATHER WHILE BEING VISIBLE FROM THE STREET UNTIL THE FINAL INSPECTIONS HAVE BEEN APPROVED.

BUILDING FEATURES

IMPACT FEES

School \$
Traffic \$

ZONING FEES

Zoning Fee \$30.00

UNIVERSAL ENG - BUILDING FEES

Cert of Occ \$
 Demo \$
 Building \$
 Fence \$
 Driveway \$
 Shed \$
 Window(s) \$
 Door(s) \$
 PrePower \$
 Electrical \$
 Temp Pole \$
 Plumbing \$
 Mechanical \$
 Gas \$
 Roofing \$185.00
 Boat Dock \$
 Screen Encl \$
 Swimming Pool \$
 Sign \$

SURCHARGE FEES

Surcharge Fee \$2.00
Surcharge Fee \$2.00

TOTAL FEES \$220.56

Date Paid 4-26-16

CC or Check # VISA 0585

Amount Paid 220.56

The person accepting this permit shall conform to the terms of the application on file and construction shall conform to the requirements of the Florida Building Code (FS 553).

BUILDING INSPECTOR USE ONLY

IF APPLICABLE:

Have Zoning Approval Conditions Been Met? YES NO Have Stormwater Approval Conditions Been Met? YES NO Silt fencing in place? YES NO Turbidity Barrier in place? YES NO

BUILDING

1st _____ (Footing/Foundation)
 Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site? _____

2nd _____ (Slab)

3rd _____ (Lintel)(Wall Reinforcing on Masonry Building)

4th _____ (Exterior Framing)(Roof/Wall Sheathing)

5th _____ (Framing) (To be made after Plumbing/ Mechanical/ Electrical Rough-Ins & Windows/Doors Installed)

6th _____ (Insulation to be Made After Roof Installed)

7th _____ (Drywall)

8th _____ (Sidewalk/Driveway)

9th _____ (Other)

10th _____ (Final – After MEP and Other Applicable Finals)

ROOFING

1ST ROOFING Deck Nailing/Dry-in/Flashing _____

2nd ROOFING Covering In-Progress _____

3rd ROOFING Covering Final _____

PLUMBING (Pool-Piping, Solar, Irrigation, Water Treatment Equip, Etc...)

1st _____ (Underground) 2nd _____ (Sewer)

3rd _____ (Rough-In/Tub Set) 4th _____ (Final)

CHECK APPROPRIATE BOX

GAS __ Natural __ LP MECHANICAL ELECTRICAL LOW VOLTAGE

1st _____ (Rough-In) 2nd _____ (Final)

Inspection requests are to be emailed to BDscheduling@UniversalEngineering.com; a confirmation email will be sent back to you upon scheduling. **Next-Day Inspection requests must be made by 4pm.** Please include the following in your request: Permit #, project address, type of inspection, date of the requested inspection, a contact name & a contact phone number. AM or PM may be requested but cannot be guaranteed.

For a copy of your permit, or to check inspection results, please visit <https://universalengineering.sharefile.com>
login ID = cobi@universalengineering.com password = universal13



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com



APPLICATION FOR ROOFING PERMIT

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

DATE OF APPLICATION: _____

ROOF PERMIT NUMBER 2016-04022

PLEASE PRINT. The undersigned hereby applies for a permit to make installations as indicated below:

Project Address 3106 Indian Dr., Belle Isle, FL 32809 32812
Property Owner Steven H Lindas Phone 407-251-2417
Property Owner's Mailing Address 3106 Indian Dr. City Belle Isle
State Fl. Zip Code 32812 Parcel Id Number: 29-23-30-4389-03-030
REQUIRED! To obtain this information, please visit <http://www.ocpafl.org/Searches/ParcelSearch.aspx>

Class of Building: Old New Type of Building: Residential Commercial Other
Type of Work: New Roof ReRoof

- REQUIRED! Florida Product Approval Screen Printout from www.floridabuilding.org showing the Code Version
- REQUIRED! Florida Product Approval Installation Instructions from www.floridabuilding.org (not the manufacturer instructions)
- REQUIRED! Copies of your General Liability & Worker's Comp Insurance Certificate & State and Local Licenses

Please indicate the nature of work by completing the information below:

Roof Square Footage: 32 2/3 sq ft Number of Stories: 1 Job Valuation: \$ 10,500.00
Type: Asphalt Shingles Metal Modified Bitumen Other: _____
Industry Standard \$33,000.00

I hereby certify that the above is true and correct to the best of my knowledge and make Application for Permit as outlined above, and if same is granted I agree to conform to all Florida Building Code Regulations and City Ordinances regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable Town and/or State of Florida codes and/or ordinances. By signing below, I recognize Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste, and commercial garbage and construction debris collection and disposal services with the city limits of the City. Contractors, homeowners and commercial businesses may contact Republic Services at 407-293-8000 to setup accounts for Commercial, Construction Roll Off, or other services needed. Rates are fixed by contract and are available at City Hall or from Republic Services. The City enforces the contract through its code enforcement office. Failure to comply will result in a stop work order.

LICENSE HOLDER SIGNATURE Dale LeBlanc LICENSE # CCC058108
LICENSE HOLDER NAME Dale LeBlanc COMPANY NAME Brite Top Roofing
Street Address P.O. Box 590325
City Orlando State Fl. Zip Code 32859 Phone Number 407-896-1551
Email Address Admin@BriteTopRoofing.com

Building Official: cg Date 4-15-16
Verified Contractor's Licenses & Insurance are on file _____ Date _____

Zoning Fee	\$ <u>30.00</u>
Permit Fee	\$ <u>185.00</u>
Review Fee	\$ <u>0.00</u>
3% Florida Surcharge	\$ <u>5.56</u> ✓
Total Permit Fee	\$ <u>220.56</u>

NOTE: The Building Permit Number is required if the Roof Installation is associated with any construction or alteration where a Building Permit has been issued.

15% IK	25	2.28
32 x 5	160	2.28
	185	5.56

Building Permit Number _____

Permit Number: _____
 Folio/Parcel Identification Number: 29-23-30-4389-03-030
 Prepared by: Brite Top Roofing



Return to: P.O. Box 590325
ORlando FL 32859

NOTICE OF COMMENCEMENT

State of Florida, County of Orange
 The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

1. Description of property (legal description of the property, and street address if available)
3106 Indian Dr. Belle Isle Fl. 32812 Lake Conway Park G/138 Lot 3 BIK C
2. General description of improvement
ReRook - Modified 2-ply
3. Owner information or Lessee information if the Lessee contracted for the improvement
 Name Steven H Linda's
 Address 3106 Indian Dr. Belle Isle Fl. 32812
 Interest in Property _____
 Name and address of fee simple titleholder (if different from Owner listed above)
 Name N/A
 Address N/A
4. Contractor
 Name Brite Top Roofing Telephone Number 407-895-1551
 Address P.O. Box 590325 ORlando FL 32859
5. Surety (if applicable, a copy of the payment bond is attached)
 Name N/A Telephone Number _____
 Address N/A Amount of Bond \$ _____
6. Lender
 Name N/A Telephone Number _____
 Address N/A
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by §713.13(1)(a)7, Florida Statutes.
 Name N/A Telephone Number _____
 Address N/A
8. In addition to himself or herself, Owner designates the following to receive a copy of the Lienor's Notice as provided in §713.13(1)(b), Florida Statutes.
 Name N/A Telephone Number _____
 Address N/A
9. Expiration date of notice of commencement (the expiration date may not be before the completion of construction and final payment to the contractor, but will be 1 year from the date of recording unless a different date is specified) _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

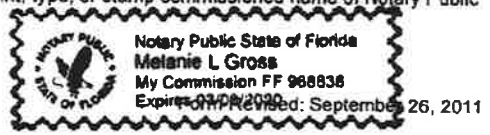
Under penalty of perjury, I declare that I have read the foregoing notice of commencement and that the facts stated in it are true to the best of my knowledge and belief.

[Signature] Signature of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager
[Signature] * Owner Signatory's Title/Office

The foregoing instrument was acknowledged before me this 11 day of 4/16 by Steven Linda's
 as _____ for _____
 Type of authority, e.g., officer, trustee, attorney in fact month/year name of person

Melanie L Gross Signature of Notary Public - State of Florida
Melanie L Gross Name of party on behalf of whom instrument was executed
 Print, type, or stamp commissioned name of Notary Public

Personally Known _____ OR Produced ID _____
 * Type of ID Produced 2532-788-59-169-0



4-18-16
 [Circular Stamp]
 [Handwritten initials]



City of Belle Isle
 1600 Nela Avenue, Belle Isle, FL 32809
 Tel 407-851-7730 * Fax 407-240-2222 * www.cityofbelleislefl.org



Product Approval Form

DATE: 4/15/16

PERMIT # 2016-07025

PROJECT ADDRESS 3106 Indian Dr., Belle Isle, FL 32809 X 32812

As required by Florida Statue 553.842 and Florida Administrative Code 9B-72m, please provide the information and approval numbers of the building components listed below if they will be utilized on the building or structure. FL Approved products are listed online at www.floridabuilding.org or can be obtained from the local product supplier. The following information must be turned in with permit application and available onsite for inspections:

1. This Product Approval Cover Sheet
2. Internet screen showing PA#, approval and code edition stamped
3. Manufacturer's installation details and requirements for each product stamped

Product Type	Manufacturer	Model/Series	FL Product Approval #	Product Type	Manufacturer	Model/Series	FL Product Approval #
EXTERIOR DOORS				WALL PANELS			
Swinging				Sliding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
WINDOWS				ROOFING PRODUCTS			
Single/Dbf Hung				Asphalt Shingles			
Horizontal Slider				Non Struct Metal			
Casement				Roofing Tiles			
Fixed				Single Ply Roof	✓	Contintex Flintlastic 2533.1	
Mullion				Other			
Skylights							
Other							
STRUCTURAL COMPONENTS				OTHER			
Wood Connectors							
Wood Anchors							
Truss Plates							
Insulation Forms							
Lintels							
Other							

It is the applicant's responsibility to verify that specific products have been installed in accordance with their limitations and with the minimum required design pressures for the structure. Specific compliance will be verified during field inspections.

Applicant Signature *Debbie Kellman*

Date 4-15-16

RETAIN A COPY FOR OFFICE USE AND RETURN ORIGINAL TO APPLICANT
 Updated 12-2012 FORM #PRODAPP012



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Product Approval
USER: Public User

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FL #	FL2533-R16												
Application Type	Revision <input checked="" type="checkbox"/>												
Code Version	2014 <input checked="" type="checkbox"/>												
Application Status	Approved												
Comments													
Archived	<input type="checkbox"/>												
Product Manufacturer	CertainTeed Corporation-Roofing												
Address/Phone/Email	18 Moores Road Malvern, PA 19355 (610) 651-5847 mark.d.harner@saint-gobain.com												
Authorized Signature	Mark Harner mark.d.harner@saint-gobain.com												
Technical Representative	Mark D. Harner												
Address/Phone/Email	18 Moores Road Malvern, PA 19355 (610) 651-5847 Mark.D.Harner@saint-gobain.com												
Quality Assurance Representative													
Address/Phone/Email													
Category	Roofing												
Subcategory	Modified Bitumen Roof System												
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer Evaluation Report - Hardcopy Received												
Florida Engineer or Architect Name who developed the Evaluation Report	Robert Nieminen												
Florida License	PE-59166												
Quality Assurance Entity	UL LLC												
Quality Assurance Contract Expiration Date	07/03/2017												
Validated By	John W. Knezevich, PE <input checked="" type="checkbox"/> Validation Checklist - Hardcopy Received												
Certificate of Independence	FL2533_R16_COI_2016_01_COI_Nieminen.pdf												
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>ASTM D6162</td> <td>2000</td> </tr> <tr> <td>ASTM D6163</td> <td>2000</td> </tr> <tr> <td>ASTM D6164</td> <td>2005</td> </tr> <tr> <td>ASTM D6222</td> <td>2008</td> </tr> <tr> <td>ASTM D6509</td> <td>2009</td> </tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	ASTM D6162	2000	ASTM D6163	2000	ASTM D6164	2005	ASTM D6222	2008	ASTM D6509	2009
<u>Standard</u>	<u>Year</u>												
ASTM D6162	2000												
ASTM D6163	2000												
ASTM D6164	2005												
ASTM D6222	2008												
ASTM D6509	2009												

FM 4470
FM 4474

1992
2004

Equivalence of Product Standards
Certified By

Sections from the Code

Product Approval Method Method 1 Option D

Date Submitted 02/04/2016
Date Validated 02/15/2016
Date Pending FBC Approval 02/16/2016
Date Approved 04/12/2016

Summary of Products		
FL #	Model, Number or Name	Description
2533.1	Flintlastic Modified Bitumen Roof Systems	Modified Bitumen Roof Systems
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: +N/A/-630 Other: 1.) Refer to ER Section 5 for Limits of Use. 2.) The design pressure noted in this application relates to one specific system. Refer to the ER Appendix for all systems and max design pressures.		Installation Instructions FL2533 R16 II 2016 02 FINAL A1 ER CERTAINTEED MODBIT FL2533-R16.pdf Verified By: Robert Nieminen, PE PE-59166 Created by Independent Third Party: Yes Evaluation Reports FL2533 R16 AE 2016 02 FINAL ER CERTAINTEED MODBIT FL2533-R16.pdf Created by Independent Third Party: Yes

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Contact Us :: 1940 North Monroe Street, Tallahassee FL 32399 Phone: 850-487-1824

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Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:



APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE					
Table	Deck	Application	Type	Description	Page
1A	Wood	New or Reroof (Tear-Off)	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	5-6
1B	Wood	New, Reroof (Tear-Off) or Recover	B	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	7
1C	Wood	New, Reroof (Tear-Off) or Recover	C	Mech. Attached Insulation, Bonded Roof Cover	8-9
1D	Wood	New, Reroof (Tear-Off) or Recover	D	Prelim. Attached Insulation, Mech. Attached Base Sheet, Bonded Roof Cover	10-12
1E-1	Wood	New, Reroof (Tear-Off)	E	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	13-15
1E-2	Wood	New, Reroof (Tear-Off) or Recover	E	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	16-17
1F	Wood	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	17
2A	Steel or Conc.	New, Reroof (Tear-Off) or Recover	B	Mech. Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	18-20
2B	Steel or Conc.	New, Reroof (Tear-Off) or Recover	C	Mech. Attached Insulation, Bonded Roof Cover	21-25
2C	Steel or Conc.	New, Reroof (Tear-Off) or Recover	D	Prelim. Attached Insulation, Mech. Attached Base Sheet, Bonded Roof Cover	26-28
3A	Concrete	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	29-36
3B	Concrete	New or Reroof (Tear-Off)	A-3	Bonded Temp Roof/Vapor Barrier, Bonded Insulation, Bonded Roof Cover	37
3C	Concrete	New or Reroof (Tear-Off)	F	Non-Insulated, Bonded Roof Cover	37
4A	LWIC	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	38-39
4B	LWIC	New or Reroof (Tear-Off)	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	40
4C	LWIC	New, Reroof (Tear-Off)	E	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	41-44
5A	CWF	New or Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	45
5B	CWF	New or Reroof (Tear-Off)	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	46
5C	CWF	New, Reroof (Tear-Off) or Recover	C	Mech. Attached Insulation, Bonded Roof Cover	46
5D	CWF	New, Reroof (Tear-Off)	E	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	47
6A	Gypsum	Reroof (Tear-Off)	A-1	Bonded Insulation, Bonded Roof Cover	48-49
6B	Gypsum	Reroof (Tear-Off)	A-2	Mech. Attached Anchor Sheet, Bonded Insulation, Bonded Roof Cover	50
6C	Gypsum	Reroof (Tear-Off)	C	Mech. Attached Insulation, Bonded Roof Cover	50
6D	Gypsum	Reroof (Tear-Off)	E	Non-Insulated, Mech. Attached Base Sheet, Bonded Roof Cover	51
7A	Various	Recover	A-1	Bonded Insulation, Bonded Roof Cover	52-58
7B	Various	Recover	F	Non-Insulated, Bonded Roof Cover	58

The following notes apply to the systems outlined herein:

1. The roof system evaluation herein pertains to above-deck roof components. Roof decks shall be in accordance with FBC requirements to the satisfaction of the AHJ. Load resistance of the roof deck shall be documented through proper codified and/or FBC Approval documentation.
2. Unless otherwise noted, fasteners and stress plates for insulation attachment shall be as follows. Fasteners shall be of sufficient length for the following engagements:
 - Wood Deck: OMG #14 Roofgrip with Flat Bottom Plate (Accutrac), OMG HD with OMG 3 in. Galvalume Steel Plate, Dekfast #14 with Hex Plate or 3" Round Insulation Plate, Trufast HD with Trufast 3" Metal Insulation Plates or FlintFast #14 Fastener with FlintFast 3" Insulation Plates. Minimum 0.75-inch plywood penetration or minimum 1-inch wood plank embedment.
 - Steel Deck: OMG #12 or #14 Roofgrip with Recessed or Flat Bottom Plate (Accutrac), OMG #12 Standard or HD with OMG 3 in. Galvalume Steel Plate, Dekfast #12 or #14 with Hex Plate or 3" Round Insulation Plate, Trufast DP or HD with Trufast 3" Metal Insulation Plates or FlintFast #12 or #14 Fastener with FlintFast 3" Insulation Plates. Minimum 0.75-inch steel penetration and engage the top flute of the steel deck.
 - Concrete Deck: OMG #14 Roofgrip with Recessed or Flat Bottom Plate (Accutrac), OMG HD or CD-10 with OMG 3 in. Galvalume Steel Plate, Dekfast #14 or DekSpike with Hex Plate or 3" Round Insulation Plate, Trufast HD or CF with Trufast 3" Metal Insulation Plates or FlintFast #14 Fastener with FlintFast 3" Insulation Plates. Minimum 1-inch embedment. Fasteners installed with a pilot hole in accordance with the fastener manufacturer's published installation instructions.

3. Unless otherwise noted, insulation may be any one layer or combination of polyisocyanurate, polystyrene, wood fiberboard, perlite, GlasRoc Roof Board or gypsum-based roof board that meets the QA requirements of F.A.C. Rule 61G20-3 and is documented as meeting FBC 1505.1 and, for foam plastic, FBC 2603.4.1 or 2603.8, when installed with the roof cover.
4. Minimum 200 psi, minimum 2-inch lightweight insulating concrete may be substituted for rigid insulation board for System Type D (mechanically attached base sheet, bonded roof cover), whereby the base sheet fasteners are installed through the LWIC to engage the structural steel or concrete deck. The structural deck shall be of equal or greater configuration to the steel and concrete deck listings.
5. Unless otherwise noted, insulation adhesive application rates are as follows. Ribbon or bead width is at the time of application; the ribbons/beads shall expand as noted in the manufacturer's published instructions.

<ul style="list-style-type: none"> ➤ Hot asphalt (HA): ➤ Ashland Pliodeck (A-PD): ➤ Dow Insta-Stik (D-IS): ➤ Dow Spray-N-Grip (D-SG): ➤ Millennium One Step Foamable Adhesive (M-OSFA): ➤ Millennium PG-1 Pump Grade Adhesive (M-PG1): ➤ OMG OlyBond 500 or OlyBond Green (OB500): ➤ 3M CR-20: ➤ Note: When multiple layers(s) of insulation and/or coverboard are installed in ribbon-applied adhesive, adhesive ribbons shall be staggered from layer-to-layer a distance of one-half the ribbon spacing. ➤ Note: The maximum edge distance from the adhesive ribbon to the edge of the insulation board shall be not less than one-half the specified ribbons spacing. 	<ul style="list-style-type: none"> Full coverage at 25-30 lbs/square Continuous 0.75 inch wide ribbons, 12-inch o.c. <i>Ribbons of subsequent layers shall be perpendicular to those in the layer below.</i> Continuous 0.75 to 1 inch wide ribbons, 12-inch o.c. Full coverage Continuous 0.25 to 0.5-inch wide ribbons, 12-inch o.c. Continuous 0.5 to 0.75-inch wide ribbons, 12-inch o.c. Continuous 0.75-inch wide ribbons, 12-inch o.c. (PaceCart or SpotShot) Continuous 2.5 to 3-inch wide ribbons, 12-inch o.c. (Note: TITSESET may be used where CR-20 is referenced).
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6. Unless otherwise noted, all insulations are flat stock or taper board of the minimum thickness noted. Tapered polyisocyanurate at the following thickness limitations may be substituted with the following Maximum Design Pressure (MDP) limitations. In no case shall these values be used to 'increase' the MDP listings in the tables; rather if MDP listing below meets or exceeds that listed for a particular system in the tables, then the thinner board listed below may be used as a drop-in for the equivalent thicker material listed in the table:

<ul style="list-style-type: none"> ➤ Ashland Pliodeck (A-PD) @ 12-inch o.c. ➤ Ashland Pliodeck (A-PD) @ 6-inch o.c. ➤ Dow Insta-Stik (D-IS): ➤ Millennium One Step Foamable Adhesive (M-OSFA): ➤ Millennium PG-1 Pump Grade Adhesive (M-PG1): ➤ OMG OlyBond 500 (OB500): ➤ OMG OlyBond 500 (OB500): ➤ OMG OlyBond 500 (OB500): ➤ OMG OlyBond 500 (OB500): ➤ 3M CR-20: 	<table border="0"> <tr> <td style="padding-right: 10px;">MDP</td> <td style="padding-right: 10px;">-105.0 psf</td> <td>(Min. 1.0-inch)</td> </tr> <tr> <td style="padding-right: 10px;">MDP</td> <td style="padding-right: 10px;">-277.5 psf</td> <td>(Min. 1.0-inch)</td> </tr> <tr> <td style="padding-right: 10px;">MDP</td> <td style="padding-right: 10px;">-120.0 psf</td> <td>(Min. 1.0-inch)</td> </tr> <tr> <td style="padding-right: 10px;">MDP</td> <td style="padding-right: 10px;">-157.5 psf</td> <td>(Min. 1.0-inch)</td> </tr> <tr> <td style="padding-right: 10px;">MDP</td> <td style="padding-right: 10px;">-157.5 psf</td> <td>(Min. 1.0-inch)</td> </tr> <tr> <td style="padding-right: 10px;">MDP</td> <td style="padding-right: 10px;">-45.0 psf</td> <td>(Min. 0.5-inch Multi-Max FA3)</td> </tr> <tr> <td style="padding-right: 10px;">MDP</td> <td style="padding-right: 10px;">-187.5 psf</td> <td>(Min. 0.5-inch ISO 95+ GL)</td> </tr> <tr> <td style="padding-right: 10px;">MDP</td> <td style="padding-right: 10px;">-315.0 psf</td> <td>(Min. 0.5-inch ENRGY 3)</td> </tr> <tr> <td style="padding-right: 10px;">MDP</td> <td style="padding-right: 10px;">-487.5 psf</td> <td>(Min. 0.5-inch ACFoam II)</td> </tr> <tr> <td style="padding-right: 10px;">MDP</td> <td style="padding-right: 10px;">-117.5 psf</td> <td>(Min. 1.0-inch)</td> </tr> </table>	MDP	-105.0 psf	(Min. 1.0-inch)	MDP	-277.5 psf	(Min. 1.0-inch)	MDP	-120.0 psf	(Min. 1.0-inch)	MDP	-157.5 psf	(Min. 1.0-inch)	MDP	-157.5 psf	(Min. 1.0-inch)	MDP	-45.0 psf	(Min. 0.5-inch Multi-Max FA3)	MDP	-187.5 psf	(Min. 0.5-inch ISO 95+ GL)	MDP	-315.0 psf	(Min. 0.5-inch ENRGY 3)	MDP	-487.5 psf	(Min. 0.5-inch ACFoam II)	MDP	-117.5 psf	(Min. 1.0-inch)
MDP	-105.0 psf	(Min. 1.0-inch)																													
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MDP	-487.5 psf	(Min. 0.5-inch ACFoam II)																													
MDP	-117.5 psf	(Min. 1.0-inch)																													
7. Bonded polyisocyanurate insulation boards shall be maximum 4 x 4 ft.
8. For mechanically attached components or partially bonded insulation, the maximum design pressure for the selected assembly shall meet or exceed the Zone 1 design pressure determined in accordance with FBC Chapter 16, and Zones 2 and 3 shall employ an attachment density designed by a qualified design professional to resist the elevated pressure criteria. Commonly used methods are RAS 117 and FM LPDS 1-29. Assemblies marked with an asterisk* carry the limitations set forth in Section 2.2.1.5.1(a) of FM LPDS 1-29 for Zone 2/3 enhancements.
9. For fully bonded assemblies, the maximum design pressure for the selected assembly shall meet or exceed critical design pressure determined in accordance with FBC Chapter 16, and no rational analysis is permitted.
10. For mechanically attached components over existing decks, fasteners shall be tested in the existing deck for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system. Testing and analysis shall be in accordance with TAS 105 or ANSI/SPRI FX-1.

11. For existing substrates in a bonded recover or re-roof installation, the existing roof surface or existing roof deck shall be examined for compatibility and bond performance with the selected adhesive, and the existing roof system (for recover) shall be capable of resisting project design pressures on its own merit to the satisfaction of the AHJ, as documented through field uplift testing in accordance with ASTM E907, FM LPDS 1-52, ANSI/SPRI IA-1 or TAS 124.
12. For Recover Applications using System Type D, the insulation is optional; however, the existing roof system shall be suitable for a recover application.
13. Unless otherwise noted, refer to the following references for bonded base, ply or cap sheet applications.

CERTAINTEED FLINTLASTIC® MODIFIED BITUMEN COMPONENTS & APPLICATION METHODS			
Reference	Layer	Material	Application
BP-AA (Base and Ply sheets, Asphalt-Applied)	Base	Glasbase; All Weather/Empire Base; Flexiglas Base; Flintlastic Base 20	Hot asphalt at 20-40 lbs/square
	Ply	Flintglas Ply Sheet Type IV; Flintglas Premium Ply Sheet Type VI	
BP-AA2 (Base, Spot-Asphalt-Applied)	Base	Yosemite Venting Base	Hot asphalt in 24-inch diameter spots in 30-inch grid pattern
BP-AA3 (Base, Spot-Asphalt-Applied)	Base	Yosemite Venting Base	Hot asphalt in 9-inch diameter spots in grid pattern noted herein.
BP-AA4 (Base, Strip-Asphalt-Applied)	Base	Yosemite Venting Base	Hot asphalt in 9-inch wide ribbons spaced as noted herein.
BP-CA2	Base/Ply	Glasbase; All Weather/Empire Base; Flexiglas Base; Flintlastic Base 20	Henry #903 Adhesive at 1.5 gal/square
BP-CA3	Base/Ply	Glasbase; All Weather/Empire Base; Flexiglas Base; Flintlastic Base 20	Millennium Hurricane Force Membrane Adhesive, beads spaced 6-inch o.c.
SBS-AA (SBS, Asphalt-Applied)	Base	Flintlastic Base 20; Flintlastic Poly SMS Base; Flintlastic Ultra Poly SMS Base	Hot asphalt at 20-40 lbs/square
	Ply	Flintlastic Base 20; Flintlastic Poly SMS Base; Flintlastic Ultra Poly SMS Base	
	Cap	Flintlastic Cap 30; Flintlastic Cap 30 CoolStar; Flintlastic FR Cap 30; Flintlastic FR Cap 30 CoolStar; Flintlastic FR Dual Cap; Flintlastic FR-P; Flintlastic FR-P CoolStar; Flintlastic Premium FR-P; Flintlastic Premium FR-P CoolStar; Flintlastic GMS; Flintlastic GMS CoolStar; Flintlastic Premium GMS; Flintlastic Premium GMS CoolStar	
SBS-CA1 (SBS, Cold-Applied)	Base	Flintlastic Base 20; Flintlastic Poly SMS Base; Flintlastic Ultra Poly SMS Base	FlintBond Brush or Karnak No. 81 Cold Process Modified Bitumen Adhesive Brush Grade at 1 gal/square
	Note:	Base ply cures overnight prior to application of the cap ply.	
	Cap	Flintlastic FR Cap 30; Flintlastic FR Cap 30 CoolStar; Flintlastic FR Dual Cap; Flintlastic FR-P; Flintlastic FR-P CoolStar; Flintlastic Premium FR-P; Flintlastic Premium FR-P CoolStar	
SBS-CA2 (SBS, Cold-Applied)	Base	Flintlastic Base 20; Flintlastic Poly SMS Base; Flintlastic Ultra Poly SMS Base	Henry #903 Adhesive at 1.5 gal/square.
	Ply	Flintlastic Base 20; Flintlastic Poly SMS Base; Flintlastic Ultra Poly SMS Base	
	Cap	Flintlastic Cap 30; Flintlastic Cap 30 CoolStar; Flintlastic FR Cap 30; Flintlastic FR Cap 30 CoolStar; Flintlastic FR Dual Cap; Flintlastic FR-P; Flintlastic FR-P CoolStar; Flintlastic Premium FR-P; Flintlastic Premium FR-P CoolStar; Flintlastic GMS; Flintlastic GMS CoolStar; Flintlastic Premium GMS; Flintlastic Premium GMS CoolStar	
SBS-CA3 (SBS, Cold-Applied)	Base	Flintlastic Base 20; Flintlastic Poly SMS Base; Flintlastic Ultra Poly SMS Base	Millennium Hurricane Force Membrane Adhesive, beads spaced 6-inch o.c.
	Ply	Flintlastic Base 20; Flintlastic Poly SMS Base; Flintlastic Ultra Poly SMS Base	
	Cap	Flintlastic Cap 30; Flintlastic Cap 30 CoolStar; Flintlastic FR Cap 30; Flintlastic FR Cap 30 CoolStar; Flintlastic FR Dual Cap; Flintlastic FR-P; Flintlastic FR-P CoolStar; Flintlastic Premium FR-P; Flintlastic Premium FR-P CoolStar; Flintlastic GMS; Flintlastic GMS CoolStar; Flintlastic Premium GMS; Flintlastic Premium GMS CoolStar	

CERTAINTEED FLINTLASTIC® MODIFIED BITUMEN COMPONENTS & APPLICATION METHODS (CONTINUED)			
Reference	Layer	Material	Application
SBS-TA (SBS, Torch-Applied)	Base	Flintlastic Ultra Poly SMS Base; Flintlastic Base 20 T	Torch-Applied
	Ply	Flintlastic Ultra Poly SMS Base; Flintlastic Base 20 T	
	Cap	Flintlastic FR Cap 30 T; Flintlastic FR Cap 30 T CoolStar; Flintlastic GTS; Flintlastic GTS CoolStar; Flintlastic GTS-FR; Flintlastic GTS-FR CoolStar; FlintClad	
APP-TA (APP, Torch-Applied)	Base	Flintlastic APP Base T; Flintlastic STA; Flintlastic STA Plus	Torch-Applied
	Cap	Flintlastic STA; Flintlastic STA Plus; Flintlastic GTA; Flintlastic GTA CoolStar; Flintlastic GTA-FR; Flintlastic GTA-FR CoolStar	
SBS-SA-H (SBS, Self-Adhering, Hybrid Systems)	Base/Ply	Black Diamond Base Sheet; Flintlastic Ultra Glass SA	Self-Adhering
SBS-SA (SBS, Self-Adhering)	Base	Flintlastic SA PlyBase; Flintlastic SA Mid Ply	Self-Adhering
	Ply	Flintlastic SA PlyBase; Flintlastic SA Mid Ply	
	Cap	Flintlastic SA Cap; Flintlastic SA Cap CoolStar; Flintlastic SA Cap FR; Flintlastic SA Cap FR CoolStar	

14. Insulation is optional for Recover or Concrete Deck Applications using System Type D (Mechanically Attached Base Sheet, Bonded Roof Cover).
15. "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to FBC 1609 for determination of design wind loads.

TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)												
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER												
Sys. No.	Deck (See Note 1)	Anchor Sheet			Base Insulation		Top Insulation		Roof Cover			MDP (psf)
		Type	Fasteners	Attach	Type	Attach	Type	Attach	Base	Ply	Cap	
SELF-ADHERING SYSTEMS:												
W-1	Min. 19/32-inch plywood at max. 24-inch spans	Glasbase, All Weather Empire, Flexiglas Base, Flintlastic Base 20; Poly SMS; Ultra Poly SMS; Yosemite	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	9-inch o.c. in 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY-3, H-Shield or Multi-Max FA3	HA	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	HA	SBS-SA	(Optional) SBS-SA	SBS-SA	-45.0*
W-2	Min. 19/32-inch plywood at max. 24-inch spans	Glasbase, All Weather Empire, Flexiglas Base, Poly SMS or Ultra Poly SMS	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 3-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY-3, H-Shield or Multi-Max FA3	HA full coverage or OB500, M-OSFA, A-PD, D-IS or CR-20, 4-inch o.c.	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	HA full coverage or OB500, M-OSFA, A-PD, D-IS or CR-20, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-52.5
W-3	Min. 19/32-inch plywood at max. 24-inch spans	Yosemite Venting Base Sheet	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 3-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY-3, H-Shield or Multi-Max FA3	HA	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	HA	SBS-SA	(Optional) SBS-SA	SBS-SA	-52.5
W-4	Min. 19/32-inch plywood at max. 24-inch spans	Glasbase, All Weather Empire, Flexiglas Base, Poly SMS or Ultra Poly SMS	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 3-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	(Optional) Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY-3, H-Shield or Multi-Max FA3	HA full coverage or OB500, M-OSFA, A-PD, D-IS or CR-20, 4-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board primed with FlintPrime or FlintPrime SA	HA full coverage or OB500, M-OSFA, A-PD, D-IS or CR-20, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-60.0
W-5	Min. 19/32-inch plywood at max. 24-inch spans	Yosemite Venting Base Sheet	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 3-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	(Optional) Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY-3, H-Shield or Multi-Max FA3	HA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board primed with FlintPrime or FlintPrime SA	HA	SBS-SA	(Optional) SBS-SA	SBS-SA	-60.0
HYBRID SYSTEMS:												
W-6	Min. 19/32-inch plywood at max. 24-inch spans	Glasbase, All Weather Empire, Flexiglas Base, Flintlastic Base 20; Poly SMS; Ultra Poly SMS; Yosemite	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	9-inch o.c. in 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY-3, H-Shield or Multi-Max FA3	HA	None	N/A	SBS-SA-H	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*

TABLE 1A: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)												
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER												
Sys. No.	Deck (See Note 1)	Anchor Sheet			Base Insulation		Top Insulation		Roof Cover			MDP (psf)
		Type	Fasteners	Attach	Type	Attach	Type	Attach	Base	Ply	Cap	
W-7	Min. 19/32-inch plywood at max. 24-inch	Glasbase; Flintglas Premium Ply Sheet Type VI; Yosemite	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 3-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II, FlintBoard ISO, ENRGY-3, H-Shield or Multi-Max FA3	HA	None	N/A	SBS-SA-H	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0
CONVENTIONAL SYSTEMS:												
W-8	Min. 19/32-inch plywood at max. 24-inch spans	Glasbase, All Weather Empire, Flexiglas Base, Flintlastic Base 20; Poly SMS; Ultra Poly SMS; Yosemite	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	9-inch o.c. in 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II, FlintBoard ISO, ENRGY-3, H-Shield or Multi-Max FA3	HA	Min. 0.25-inch Dens Deck primed with FlintPrime (ASTM D41) primer	HA	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
W-9	Min. 19/32-inch plywood at max. 24-inch spans	Glasbase, All Weather Empire, Flexiglas Base, Poly SMS or Ultra Poly SMS	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 3-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II, FlintBoard ISO, ENRGY-3, H-Shield or Multi-Max FA3	HA full coverage or OB500, M-OSFA, A-PD, D-IS or CR-20, 4-inch o.c.	Min. 0.25-inch Dens Deck primed with FlintPrime (ASTM D41) primer	HA full coverage or OB500, M-OSFA, A-PD, D-IS or CR-20, 6-inch o.c.	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-52.5
W-10	Min. 19/32-inch plywood at max. 24-inch spans	Yosemite Venting Base Sheet	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 3-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	Min. 1.5-inch AC Foam II, FlintBoard ISO, ENRGY-3, H-Shield or Multi-Max FA3	HA	Min. 0.25-inch Dens Deck primed with FlintPrime (ASTM D41) primer	HA	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-52.5
W-11	Min. 19/32-inch plywood at max. 24-inch spans	Glasbase, All Weather Empire, Flexiglas Base, Poly SMS or Ultra Poly SMS	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 3-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	(Optional) Min. 1.5-inch AC Foam II, FlintBoard ISO, ENRGY-3, H-Shield or Multi-Max FA3	HA full coverage or OB500, M-OSFA, A-PD, D-IS or CR-20, 4-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA full coverage or OB500, M-OSFA, A-PD, D-IS or CR-20, 6-inch o.c.	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0
W-12	Min. 19/32-inch plywood at max. 24-inch spans	Yosemite Venting Base Sheet	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. in 3-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	(Optional) Min. 1.5-inch AC Foam II, FlintBoard ISO, ENRGY-3, H-Shield or Multi-Max FA3	HA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0

TABLE 1B: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER										
SYSTEM TYPE B: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (See Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover			MDP (psf)
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap	
HYBRID SYSTEMS:										
W-13	Min. 15/32-inch exterior grade plywood at max. 24-inch spans	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield or FlintBoard ISO _H .	FlintFast #12 or #14 with FlintFast 3" Insulation Plates	1 per 1.33 ft ²	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield or FlintBoard ISO _H .	HA, D-IS, M-OSFA, M-PG1 or OB500	SBS-SA-H	(Optional) APP-TA	APP-TA	-67.5
CONVENTIONAL SYSTEMS:										
W-14	Min. 23/32-inch exterior grade plywood at max. 24-inch spans	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3, H-Shield	See Note 2	1 per 2 ft ²	Min. 0.5-inch FM Approved Wood Fiberboard, min. 0.75-inch FM Approved perlite	HA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
W-15	Min. 23/32-inch exterior grade plywood at max. 24-inch spans	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3, H-Shield	See Note 2	1 per 2 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Dens Deck or Dens Deck Prime	HA	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
W-16	Min. 15/32-inch exterior grade plywood at max. 24-inch spans	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield or FlintBoard ISO _H .	FlintFast #12 or #14 with FlintFast 3" Insulation Plates	1 per 1.33 ft ²	Optional additional layer(s) of base insulation followed by Min. 0.25-inch SECUROCK Gypsum-Fiber Roof board	HA, D-IS, M-OSFA, M-PG1 or OB500	APP-TA	(Optional) APP-TA	APP-TA	-90.0

TABLE 1C: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE C: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (See Note 1)	Base Insulation Layer	Top Insulation Layer			Roof Cover			MDP (psf)
			Type	Fasteners	Attach	Base	Ply	Cap	
SELF-ADHERING SYSTEMS:									
W-17	Min. 15/32-inch plywood at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14	1 per 3.2 ft ²	SBS-SA	(Optional) SBS-SA	SBS-SA	-30.0*
W-18	Min. 19/32-inch exterior grade plywood at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	See Note 2	1 per 1.33 ft ²	SBS-SA	(Optional) SBS-SA	SBS-SA	-45.0
W-19	Min. 19/32-inch exterior grade plywood at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 3/8-inch SECUROCK Gypsum-Fiber Roof Board	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14	1 per 2.7 ft ²	SBS-SA	(Optional) SBS-SA	SBS-SA	-45.0*
W-20	Min. 19/32-inch plywood at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield, Multi-Max FA3 or FlintBoard ISO primed with FlintPrime or FlintPrime SA	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14	1 per 2 ft ²	SBS-SA	(Optional) SBS-SA	SBS-SA	-45.0*
W-21	Min. 19/32-inch plywood at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam II, ENRGY 3, H-Shield, Multi-Max FA3 or FlintBoard ISO primed with FlintPrime or FlintPrime SA	See Note 2	1 per 1.45 ft ²	SBS-SA	(Optional) SBS-SA	SBS-SA	-60.0
HYBRID SYSTEMS:									
W-22	Min. 15/32-inch plywood at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck; Dens Deck Prime	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14	1 per 2 ft ²	SBS-SA-H	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-30.0*
W-23	Min. 15/32-inch plywood at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or Multi-Max FA3	See Note 2	1 per 1.33 ft ²	SBS-SA-H	(Optional) BP-AA or SBS-AA	SBS-AA	-52.5
W-24	Min. 19/32-inch plywood at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	See Note 2	1 per 1.45 ft ²	SBS-SA-H	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0

TABLE 1C: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE C: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (See Note 1)	Base Insulation Layer	Top Insulation Layer			Roof Cover			MDP (psf)
			Type	Fasteners	Attach	Base	Ply	Cap	
W-25	Min. 15/32-inch plywood at max. 24-inch spans	(Optional) Min. 1.5-inch, One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	FlintFast 3 in. Insulation Plates with FlintFast #12 or #14	1 per 1.33 ft ²	SBS-SA-H	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-75.0
W-26	Min. 19/32-inch exterior grade plywood at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or Multi-Max FA3	See Note 2	1 per 1.33 ft ²	SBS-SA-H	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-82.5
CONVENTIONAL SYSTEMS:									
W-27	Min. 23/32-inch exterior grade plywood at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch FM Approved Wood Fiberboard, min. 0.75-inch FM Approved perlite	See Note 2	1 per 2 ft ²	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
W-28	Min. 15/32-inch plywood at max. 24-inch spans	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Dens Deck or Dens Deck Prime	FlintFast #12 or #14 HD with FlintFast 3" Insulation Plates	1 per 2 ft ²	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
W-29	Min. 15/32-inch plywood at max. 24-inch spans	(Optional for Recover) Min. 1.5-inch, One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 or #14 HD with FlintFast 3" Insulation Plates	1 per 1.45 ft ²	APP-TA	(Optional) APP-TA	APP-TA	-60.0
W-30	Min. 19/32-inch exterior grade plywood at max. 24-inch spans	(Optional for Concrete or Recover) Min. 2-inch ACFoam II, FlintBoard, H-Shield or ENRGY 3, loose laid.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 or #14 HD with FlintFast 3" Insulation Plates	1 per 1.78 ft ²	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0
W-31	Min. 15/32-inch plywood at max. 24-inch spans	(Optional for Recover) Min. 1.5-inch, One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 or #14 HD with FlintFast 3" Insulation Plates	1 per 1.33 ft ²	APP-TA	(Optional) APP-TA	APP-TA	-67.5

TABLE 1D: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE D: PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER									
System No.	Deck (See Note 1)	Insulation Layer(s)		Base or Anchor Sheet			Roof Cover		MDP (psf)
		Type	Attach	Base	Fasteners	Attach	Ply	Cap	
SELF-ADHERING SYSTEMS:									
W-32	Min. 19/32-inch plywood at max 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Flintlastic SA NailBase	See Note 2	8-inch o.c. at min. 3-inch lap and 8-inch o.c. in two, equally spaced, staggered center rows; Stress plates shall be primed with FlintPrime (ASTM D41) primer or FlintPrime SA	(Optional) SBS-SA	SBS-SA	-82.5*
W-33	Min. 15/32-inch plywood at max 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Flintlastic SA NailBase	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD; OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at min. 2-inch lap and 6-inch o.c. in three, equally spaced, staggered center rows; Stress plates shall be primed with FlintPrime (ASTM D41) primer or FlintPrime SA.	(Optional) SBS-SA	SBS-SA	-97.5*
W-34	Min. 15/32-inch plywood at max 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Flintlastic SA NailBase	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD; OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at min. 2-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows; Stress plates shall be primed with FlintPrime (ASTM D41) primer or FlintPrime SA.	(Optional) SBS-SA	SBS-SA	-127.5*
HYBRID SYSTEMS:									
W-35	Min. 15/32-inch plywood at max 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD; OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in three, equally spaced, staggered center rows; Stress plates shall be primed with FlintPrime (ASTM D41) primer or FlintPrime SA.	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-97.5
W-36	Min. 19/32-inch plywood at max 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base	See Note 2	7-inch o.c. at 3-inch lap and 7-inch o.c. in three, equally spaced, staggered center rows	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-105.0
W-37	Min. 15/32-inch plywood at max 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD; OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows; Stress plates shall be primed with FlintPrime (ASTM D41) primer or FlintPrime SA.	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-127.5
CONVENTIONAL SYSTEMS:									

TABLE 1D: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE D: PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER									
System No.	Deck (See Note 1)	Insulation Layer(s)		Base or Anchor Sheet			Roof Cover		MDP (psf)
		Type	Attach	Base	Fasteners	Attach	Ply	Cap	
W-38	Min. 23/32-inch exterior grade plywood at max. 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Glasbase; All Weather/Empire Base; Flexiglas Base; Flintlastic Base 20; Yosemite	See Note 2	12-inch o.c. at 4-inch lap and 36-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-30.0*
W-39	Min. 23/32-inch exterior grade plywood at max. 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Glasbase; All Weather/Empire Base; Flexiglas Base; Flintlastic Base 20; Yosemite	See Note 2	12-inch o.c. at 4-inch lap and 24-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
W-40	Min. 23/32-inch exterior grade plywood at max. 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Poly SMS Base; Ultra Poly SMS Base	See Note 2	12-inch o.c. at 4-inch lap and 36-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
W-41	Min. 15/32-inch plywood at max 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base; Yosemite	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD; OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in three, equally spaced, staggered center rows.	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-97.5
W-42	Min. 15/32-inch plywood at max 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Flintlastic APP Base T	OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in three, equally spaced, staggered center rows.	APP-TA	APP-TA	-97.5
W-43	Min. 15/32-inch plywood at max 24-inch spans	One or more layers, any thickness or combination	Prelim. Attach	Glasbase; Flexiglas; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Ultra Poly SMS Base; Yosemite	Flintfast 3 in. Insulation Plates with FlintFast #14; Trufast 3" Metal Insulation Plates with Trufast HD	8-inch o.c. at 4-inch lap and 8-inch o.c. at three (3) equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA or SBS-TA	-97.5
W-44	Min. 19/32-inch plywood at max 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base; Yosemite	See Note 2	7-inch o.c. at 3-inch lap and 7-inch o.c. in three, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-105.0
W-45	Min. 19/32-inch plywood at max 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Flintlastic APP Base T	OMG 3 in. Round Metal Plates with OMG #14 HD or Dekfast Hex Plate with Dekfast #14	7-inch o.c. at 3-inch lap and 7-inch o.c. in three, equally spaced, staggered center rows	APP-TA	APP-TA	-105.0

TABLE 1D: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE D: PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER									
System No.	Deck (See Note 1)	Insulation Layer(s)		Base or Anchor Sheet			Roof Cover		MDP (psf)
		Type	Attach	Base	Fasteners	Attach	Ply	Cap	
W-46	Min. 15/32-inch plywood at max 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base; Yosemite	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD; OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows.	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-127.5
W-47	Min. 15/32-inch plywood at max 24-inch spans	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Flintlastic APP Base T	OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows.	APP-TA	APP-TA	-127.5

TABLE 1E-1: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)							
SYSTEM TYPE E: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
System No.	Deck (See Note 1)	Base Sheet			Roof Cover		MDP (psf)
		Base	Fasteners	Attach	Ply	Cap	
SELF-ADHERING SYSTEMS:							
W-48	Min. 15/32-inch plywood at max 24-inch spans	Flintlastic SA NailBase	Min. 1-inch long, 12 ga. Simplex Metal Cap Nails	6-inch o.c. at min. 2-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows	(Optional) SBS-SA	SBS-SA	-52.5
W-49	Min. 19/32-inch plywood at max. 24-inch spans	Flintlastic SA NailBase	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. at min. 2-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	(Optional) SBS-SA	SBS-SA	-52.5
W-50	Min. 19/32-inch plywood at max. 24-inch spans	Flintlastic SA NailBase	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. at min. 2-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	(Optional) SBS-SA	SBS-SA	-60.0
W-51	Min. 19/32-inch plywood at max 24-inch spans	Flintlastic SA NailBase	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	6-inch o.c. at min. 2-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows	(Optional) SBS-SA	SBS-SA	-75.0
W-52	Min. 19/32-inch plywood at max 24-inch spans	Flintlastic SA NailBase	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	4-inch o.c. at min. 2-inch lap and 4-inch o.c. in four, equally spaced, staggered center rows	(Optional) SBS-SA	SBS-SA	-105.0
HYBRID SYSTEMS:							
W-53	Min. 19/32-inch exterior grade plywood at max. 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Ultra Poly SMS Base	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	9-inch o.c. at 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-45.0*
W-54	Min. 15/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Ultra Poly SMS Base	Min. 1-inch long, 12 ga. Simplex Metal Cap Nails	6-inch o.c. at 3-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-52.5
W-55	Min. 19/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. at 4-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-52.5
W-56	Min. 19/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. at 4-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-60.0
W-57	Min. 19/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	6-inch o.c. at 4-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-82.5

TABLE 1E-1: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)							
SYSTEM TYPE E: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
System No.	Deck (See Note 1)	Base Sheet			Roof Cover		MDP (psf)
		Base	Fasteners	Attach	Ply	Cap	
W-58	Min. 19/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	4-inch o.c. at 3-inch lap and 4-inch o.c. in four, equally spaced, staggered center rows	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-105.0
CONVENTIONAL SYSTEMS:							
W-59	Min. 19/32-inch exterior grade plywood at max. 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Ultra Poly SMS Base; Yosemite	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	9-inch o.c. at 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
W-60	Min. 15/32-inch exterior grade plywood at max. 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Yosemite	Simplex MAXX Cap	9-inch o.c. at 2-inch lap and 18-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
W-61	Min. 15/32-inch exterior grade plywood at max. 24-inch spans	Flintlastic APP Base T	Simplex MAXX Cap	9-inch o.c. at 2-inch lap and 18-inch o.c. in two, equally spaced, staggered center rows	(Optional) APP-TA	APP-TA	-45.0*
W-62	Min. 15/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Ultra Poly SMS Base; Yosemite	Min. 1-inch long, 12 ga. Simplex Metal Cap Nails	6-inch o.c. at 3-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-52.5
W-63	Min. 19/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base; Yosemite	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. at 4-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-52.5
W-64	Min. 15/32-inch exterior grade plywood at max. 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Yosemite	Simplex MAXX Cap	9-inch o.c. at 2-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-52.5
W-65	Min. 15/32-inch exterior grade plywood at max. 24-inch spans	Flintlastic APP Base T	Simplex MAXX Cap	9-inch o.c. at 2-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	(Optional) APP-TA	APP-TA	-52.5
W-66	Min. 19/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base; Yosemite	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	8-inch o.c. at 4-inch lap and 8-inch o.c. in three, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0
W-67	Min. 15/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Ultra Poly SMS Base; Yosemite	Cap nails: 1-inch diameter, 0.032-inch thick metal cap with 0.120-inch shank diameter, annular ring shank nails.	6-inch o.c. at 4-inch lap and 6-inch o.c. at five (5) equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA or SBS-TA	-67.5

TABLE 1E-1: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF) SYSTEM TYPE E: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
System No.	Deck (See Note 1)	Base Sheet			Roof Cover		MDP (psf)
		Base	Fasteners	Attach	Ply	Cap	
W-68	Min. 19/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base; Yosemite	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	6-inch o.c. at 4-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-82.5
W-69	Min. 15/32-inch exterior grade plywood at max. 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Yosemite	Simplex MAXX Cap	6-inch o.c. at 2-inch lap and 6-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-90.0
W-70	Min. 15/32-inch exterior grade plywood at max. 24-inch spans	Flintlastic APP Base T	Simplex MAXX Cap	6-inch o.c. at 2-inch lap and 6-inch o.c. in two, equally spaced, staggered center rows	(Optional) APP-TA	APP-TA	-90.0
W-71	Min. 19/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base; Yosemite	32 ga., 1-5/8-inch dia. tin caps with 11 ga. annular ring shank nails	4-inch o.c. at 3-inch lap and 4-inch o.c. in four, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-105.0
W-72	Min. 15/32-inch exterior grade plywood at max. 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Yosemite	Simplex MAXX Cap	6-inch o.c. at 2-inch lap and 6-inch o.c. in three, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-105.0
W-73	Min. 15/32-inch exterior grade plywood at max. 24-inch spans	Flintlastic APP Base T	Simplex MAXX Cap	6-inch o.c. at 2-inch lap and 6-inch o.c. in three, equally spaced, staggered center rows	(Optional) APP-TA	APP-TA	-105.0

TABLE 1E-2: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER							
SYSTEM TYPE E: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
System No.	Deck (See Note 1)	Base Sheet			Roof Cover		MDP (psf)
		Base	Fasteners	Attach	Ply	Cap	
SELF-ADHERING SYSTEMS:							
W-74	Min. 19/32-inch plywood at max 24-inch spans	Flintlastic SA NailBase	See Note 2	8-inch o.c. at min. 3-inch lap and 8-inch o.c. in two, equally spaced, staggered center rows. Stress plates shall be primed with FlintPrime (ASTM D41) primer or FlintPrime SA	(Optional) SBS-SA	SBS-SA	-82.5*
W-75	Min. 15/32-inch plywood at max 24-inch spans	Flintlastic SA NailBase	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD; OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at min. 2-inch lap and 6-inch o.c. in three, equally spaced, staggered center rows. Stress plates shall be primed with FlintPrime (ASTM D41) primer or FlintPrime SA.	(Optional) SBS-SA	SBS-SA	-97.5*
W-76	Min. 15/32-inch plywood at max 24-inch spans	Flintlastic SA NailBase	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD; OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at min. 2-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows. Stress plates shall be primed with FlintPrime (ASTM D41) primer or FlintPrime SA.	(Optional) SBS-SA	SBS-SA	-127.5*
HYBRID SYSTEMS:							
W-77	Min. 15/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD; OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in three, equally spaced, staggered center rows. Stress plates shall be primed with FlintPrime (ASTM D41) primer or FlintPrime SA.	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-97.5
W-78	Min. 19/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base	See Note 2	7-inch o.c. at 3-inch lap and 7-inch o.c. in three, equally spaced, staggered center rows	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-105.0
W-79	Min. 15/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD; OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows. Stress plates shall be primed with FlintPrime (ASTM D41) primer or FlintPrime SA.	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-127.5
CONVENTIONAL SYSTEMS:							
W-80	Min. 23/32-inch exterior grade plywood at max. 24-inch spans	Glasbase; All Weather/Empire Base; Flexiglas Base; Flintlastic Base 20; Yosemite	See Note 2	12-inch o.c. at 4-inch lap and 36-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-30.0*
W-81	Min. 23/32-inch exterior grade plywood at max. 24-inch spans	Glasbase; All Weather/Empire Base; Flexiglas Base; Flintlastic Base 20; Yosemite	See Note 2	12-inch o.c. at 4-inch lap and 24-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*

TABLE 1E-2: WOOD DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER							
SYSTEM TYPE E: NON-INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
System No.	Deck (See Note 1)	Base Sheet			Roof Cover		MDP (psf)
		Base	Fasteners	Attach	Ply	Cap	
W-82	Min. 23/32-inch exterior grade plywood at max. 24-inch spans	Poly SMS Base; Ultra Poly SMS Base	See Note 2	12-inch o.c. at 4-inch lap and 36-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
W-83	Min. 15/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base; Yosemite	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD; OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in three, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-97.5
W-84	Min. 15/32-inch plywood at max 24-inch spans	Flintlastic APP Base T	OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in three, equally spaced, staggered center rows.	APP-TA	APP-TA	-97.5
W-85	Min. 15/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Ultra Poly SMS Base; Yosemite	Flintfast 3 in. Insulation Plates with FlintFast #14; Trufast 3" Metal Insulation Plates with Trufast HD	8-inch o.c. at 4-inch lap and 8-inch o.c. at three (3) equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA or SBS-TA	-97.5
W-86	Min. 19/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base; Yosemite	See Note 2	7-inch o.c. at 3-inch lap and 7-inch o.c. in three, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-105.0
W-87	Min. 19/32-inch plywood at max 24-inch spans	Flintlastic APP Base T	OMG 3 in. Round Metal Plates with OMG #14 HD or Dekfast Hex Plate with Dekfast #14	7-inch o.c. at 3-inch lap and 7-inch o.c. in three, equally spaced, staggered center rows	APP-TA	APP-TA	-105.0
W-88	Min. 15/32-inch plywood at max 24-inch spans	Glasbase; Flexiglas; Flintlastic Base 20; Poly SMS Base; Ultra Poly SMS Base; Yosemite	Flintfast 3 in. Insulation Plates with FlintFast #12 or #14; Trufast 3" Metal Insulation Plates with DP or HD; OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-127.5
W-89	Min. 15/32-inch plywood at max 24-inch spans	Flintlastic APP Base T	OMG 3 in. Round Metal Plates with OMG #14 HD	6-inch o.c. at 4-inch lap and 6-inch o.c. in four, equally spaced, staggered center rows.	APP-TA	APP-TA	-127.5

TABLE 1F: WOOD DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)						
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER						
System No.	Deck (See Note 1)	Primer	Roof Cover			MDP (psf)
			Base	Ply	Cap	
W-90	Min. 19/32-inch plywood at max 24-inch spans	FlintPrime or FlintPrime SA	SBS-SA	(Optional) SBS-SA	SBS-SA	-127.5

TABLE 2A: STEEL OR CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER										
SYSTEM TYPE B: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (See Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover			MDP (psf)
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap	
SELF-ADHERING SYSTEMS:										
S-1	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	See Note 2	1 per 4 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA, D-IS, M-OSFA, OB500 or CR-20	SBS-SA	(Optional) SBS-SA	SBS-SA	-37.5*
S-2	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	See Note 2	1 per 2 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA, D-IS, M-OSFA, OB500 or CR-20	SBS-SA	(Optional) SBS-SA	SBS-SA	-45.0*
HYBRID SYSTEMS:										
S-3	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	See Note 2	1 per 1.45 ft ²	Additional layer(s) base insulation	HA, D-IS, M-OSFA, OB500 or CR-20	Flintlastic Ultra Glass SA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-37.5
S-4	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	See Note 2	1 per 1.45 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA, D-IS, M-OSFA, OB500 or CR-20	Flintlastic Ultra Glass SA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-52.5
S-5	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield or FlintBoard ISO _H .	FlintFast #12 or #14 with FlintFast 3" Insulation Plates	1 per 1.45 ft ²	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield or FlintBoard ISO _H .	HA, D-IS, M-OSFA, M-PG1 or OB500	SBS-SA-H	(Optional) APP-TA	APP-TA	-67.5
S-6	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield or FlintBoard ISO _H	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 1.6 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	D-IS, M-OSFA, M-PG1 or OB500	SBS-SA-H	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-75.0
S-7	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ENRGY 3	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 1 ft ²	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	OB500, 4-inch o.c.	SBS-SA-H	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-90.0*
CONVENTIONAL SYSTEMS:										
S-8	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	See Note 2	1 per 4 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA, D-IS, M-OSFA, OB500 or CR-20	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-37.5*

TABLE 2A: STEEL OR CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER										
SYSTEM TYPE B: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (See Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover			MDP (psf)
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap	
S-9	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	See Note 2	1 per 2 ft ²	Min. 0.5-inch FM Approved Wood Fiberboard, min. 0.75-inch FM Approved perlite.	HA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
S-10	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	See Note 2	1 per 2 ft ²	Min. 0.25-inch Dens Deck or Dens Deck Prime	HA	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
S-11	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	See Note 2	1 per 2 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA, D-IS, M-OSFA, OB500 or CR-20	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
S-12	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	See Note 2	1 per 3.2 ft ²	Min. 0.5-inch FM Approved Wood Fiberboard, min. 0.75-inch FM Approved perlite.	HA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
S-13	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	See Note 2	1 per 3.2 ft ²	Min. 0.25-inch Dens Deck or Dens Deck Prime	HA	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
S-14	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or Mult-Max FA3	See Note 2	1 per 1.33 ft ²	Min. 0.75-inch FescoBoard (homogeneous)	HA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-52.5
S-15	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	See Note 2	1 per 1.6 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA, D-IS, M-OSFA, OB500 or CR-20	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0
S-16	Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete	Min. 2-inch ACFoam IV	Trufast HD with Trufast 3" Metal Insulation Plates or FlintFast #14 with FlintFast 3" Insulation Plates	1 per 2.67 ft ²	Min. 0.5-inch Structodek High Density Fiberboard	HA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0
S-17	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or Mult-Max FA3	See Note 2	1 per 1.33 ft ²	Min. 0.5-inch Structodek High Density Fiberboard	HA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-67.5

TABLE 2A: STEEL OR CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER										
SYSTEM TYPE B: MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER										
System No.	Deck (See Note 1)	Base Insulation Layer			Top Insulation Layer		Roof Cover			MDP (psf)
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap	
S-18	Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete	Min. 2-inch ACFoam IV	Trufast HD with Trufast 3" Metal Insulation Plates or FlintFast #14 with FlintFast 3" Insulation Plates	1 per 2 ft ²	Min. 0.5-inch Structodek High Density Fiberboard	HA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-67.5
S-19	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield or FlintBoard ISO _H	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 1.6 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	D-IS, M-OSFA, M-PG1 or OB500	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-75.0
S-20	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ENRGY 3	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 1 ft ²	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	OB500, 4-inch o.c.	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-90.0*
COLD-APPLIED SYSTEMS:										
S-21	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch ACFoam II, FlintBoard ISO, H-Shield or FlintBoard ISO _H	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 2 ft ²	Min. 1.5-inch ACFoam III, FlintBoard Iso Cold, H-Shield CG or FlintBoard Iso Cold _H	OB500 or 3M CR-20	SBS-CA1	None	SBS-CA1	-45.0*
S-22	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 2-inch ACFoam II, FlintBoard ISO, H-Shield or FlintBoard ISO _H	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 2 ft ²	Optional min. 1.5-inch additional layer(s) base insulation, followed by min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	D-IS, M-OSFA, M-PG1, OB500 or CR-20	SBS-CA1	None	SBS-CA1	-45.0*
S-23	Min. 22 ga., type B, Grade 40 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield or FlintBoard ISO _H	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 1.6 ft ²	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	D-IS, M-OSFA, M-PG1 or OB500	SBS-CA1	None	SBS-CA1	-75.0
S-24	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch ENRGY 3	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 1 ft ²	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	OB500, 4-inch o.c.	SBS-CA1	None	SBS-CA1	-90.0*

TABLE 2B: STEEL OR CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE C: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (See Note 1)	Base Insulation Layer(s)	Top Insulation Layer			Roof Cover			MDP (psf)
			Type	Fasteners	Attach	Base	Ply	Cap	
SELF-ADHERING SYSTEMS:									
S-25	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	See Note 2	1 per 3.2 ft ²	SBS-SA	(Optional) SBS-SA	SBS-SA	-30.0*
S-26	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 2.7 ft ²	SBS-SA	(Optional) SBS-SA	SBS-SA	-37.5*
S-27	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 3/8-inch SECUROCK Gypsum-Fiber Roof Board	See Note 2	1 per 2.7 ft ²	SBS-SA	(Optional) SBS-SA	SBS-SA	-45.0*
S-28	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	See Note 2	1 per 1.33 ft ²	SBS-SA	(Optional) SBS-SA	SBS-SA	-45.0
HYBRID SYSTEMS:									
S-29	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck; Dens Deck Prime	See Note 2	1 per 2 ft ²	SBS-SA-H	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-30.0*
S-30	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 2.7 ft ²	SBS-SA-H	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-37.5*
S-31	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 3/8-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 2.7 ft ²	SBS-SA-H	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
S-32	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACfoam II, FlintBoard ISO, ENRGY 3 or Multi-Max FA3	See Note 2	1 per 1.33 ft ²	SBS-SA-H	(Optional) BP-AA or SBS-AA	SBS-AA	-52.5

TABLE 2B: STEEL OR CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE C: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (See Note 1)	Base Insulation Layer(s)	Top Insulation Layer			Roof Cover			MDP (psf)
			Type	Fasteners	Attach	Base	Ply	Cap	
S-33	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield or FlintBoard ISO _H .	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates	1 per 1.45 ft ²	SBS-SA-H	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-75.0
S-34	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or Multi-Max FA3	See Note 2	1 per 1.33 ft ²	SBS-SA-H	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-82.5
S-35	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 1.45 ft ²	SBS-SA-H	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-82.5
S-36	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 1 ft ²	SBS-SA-H	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-135.0
CONVENTIONAL SYSTEMS:									
S-37	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.75-inch FM Approved perlite	See Note 2	1 per 2.67 ft ²	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-30.0*
S-38	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch FM Approved high density wood fiberboard	See Note 2	1 per 4 ft ²	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-37.5*
S-39	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	See Note 2	1 per 4 ft ²	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-37.5*
S-40	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 2-inch ACFoam II, FlintBoard or ENRGY 3	See Note 2	1 per 1.6 ft ²	BP-AA2	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-37.5*
S-41	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	See Note 2	1 per 4 ft ²	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*

TABLE 2B: STEEL OR CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE C: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (See Note 1)	Base Insulation Layer(s)	Top Insulation Layer			Roof Cover			MDP (psf)
			Type	Fasteners	Attach	Base	Ply	Cap	
S-42	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch FM Approved Wood Fiberboard, min. 0.75-inch FM Approved perlite	See Note 2	1 per 2 ft ²	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
S-43	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck or Dens Deck Prime	See Note 2	1 per 2 ft ²	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
S-44	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1-inch FescoBoard (homogeneous) or min. 1.5-inch FescoBoard (laminated)	See Note 2	1 per 1.6 ft ²	BP-AA2	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
S-45	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch Structodek, Structodek HD, GP HD Roof Fiberboard or Temple HD1 or HD6	See Note 2	1 per 2 ft ²	BP-AA2	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
S-46	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam II, ACFoam IV, FlintBoard	See Note 2	1 per 1.45 ft ²	BP-AA3, 24-inch grid	(Optional) BP-AA or SBS-AA	SBS-AA	-52.5
S-47	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam II, ACFoam IV, FlintBoard	See Note 2	1 per 1.45 ft ²	BP-AA3, 24-inch grid	BP-AA or SBS-AA	SBS-TA	-52.5
S-48	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Concrete or Recover) Min. 1.5-inch, One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates	1 per 1.45 ft ²	APP-TA	(Optional) APP-TA	APP-TA	-60.0
S-49	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Concrete or Recover) Min. 2-inch ACFoam II, FlintBoard, H-Shield or ENRGY 3, loose laid.	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	See Note 2	1 per 1.78 ft ²	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0
S-50	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 1.45 ft ²	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-82.5

TABLE 2B: STEEL OR CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE C: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (See Note 1)	Base Insulation Layer(s)	Top Insulation Layer			Roof Cover			MDP (psf)
			Type	Fasteners	Attach	Base	Ply	Cap	
S-51	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Concrete or Recover) Min. 1.5-inch ACFoam II, FlintBoard, H-Shield	Min. 0.5-inch Dens Deck Prime	Trufast HD with Trufast 3" Metal Insulation Plates or FlintFast #14 with FlintFast 3" Insulation Plates	1 per 1.33 ft ²	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	SBS-AA	-112.5
S-52	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 1 ft ²	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-135.0
S-53	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Concrete or Recover) Min. 1.5-inch ACFoam II, FlintBoard, H-Shield	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast HD with Trufast 3" Metal Insulation Plates or FlintFast #14 with FlintFast 3" Insulation Plates	1 per 1.33 ft ²	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	SBS-AA	-157.5
S-54	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Concrete or Recover) Min. 1.5-inch ACFoam II, FlintBoard, H-Shield	Min. 0.5-inch Dens Deck Prime	Trufast HD with Trufast 3" Metal Insulation Plates or FlintFast #14 with FlintFast 3" Insulation Plates	1 per 1 ft ²	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	SBS-AA	-157.5
S-55	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional for Concrete or Recover) Min. 1.5-inch ACFoam II, FlintBoard, H-Shield	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	Trufast HD with Trufast 3" Metal Insulation Plates or FlintFast #14 with FlintFast 3" Insulation Plates	1 per 1 ft ²	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	SBS-AA	-172.5
COLD-APPLIED SYSTEMS:									
S-56	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 2.7 ft ²	SBS-CA1	None	SBS-CA1	-37.5*

TABLE 2B: STEEL OR CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE C: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (See Note 1)	Base Insulation Layer(s)	Top Insulation Layer			Roof Cover			MDP (psf)
			Type	Fasteners	Attach	Base	Ply	Cap	
S-57	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 1.5-inch ACFoam III, FlintBoard Iso Cold, H-Shield CG or FlintBoard Iso Cold _H	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 2 ft ²	SBS-CA1	None	SBS-CA1	-45.0*
S-58	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 3/8-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 2.7 ft ²	SBS-CA1	None	SBS-CA1	-45.0*
S-59	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch SECUROCK Gypsum-Fiber Roof Board	FlintFast #12 (steel only) or #14 HD with FlintFast 3" Insulation Plates or Trufast #12 (steel only) or HD with Trufast 3" Metal Insulation Plates	1 per 1.45 ft ²	SBS-CA1	None	SBS-CA1	-82.5*

TABLE 2C: STEEL OR CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D: PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER <i>NOTE: INSULATION OPTIONAL FOR RECOVER OR CONCRETE DECK APPLICATIONS (SEE NOTE 14)</i>									
System No.	Deck (See Note 1)	Insulation Layer(s)		Base or Anchor Sheet			Roof Cover		MDP (psf)
		Type	Attach	Base	Fasteners	Attach	Ply	Cap	
SELF-ADHERING SYSTEMS:									
S-60	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Flintlastic SA NailBase	See Note 2	9-inch o.c. at min. 2-inch lap and 18-inch o.c. in two, equally spaced, staggered center rows	(Optional) SBS-SA	SBS-SA	-45.0*
S-61	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Flintlastic SA NailBase	See Note 2	12-inch o.c. at min. 2-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	(Optional) SBS-SA	SBS-SA	-52.5*
S-62	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Flintlastic SA NailBase	See Note 2	12-inch o.c. at min. 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	(Optional) SBS-SA	SBS-SA	-60.0*
S-63	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Flintlastic SA NailBase (laid parallel to deck flutes)	See Note 2	8-inch o.c. at min. 4-inch lap and 8-inch o.c. in two, equally spaced, staggered center rows	(Optional) SBS-SA	SBS-SA	-82.5*
CONVENTIONAL SYSTEMS:									
S-64	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Glasbase; All Weather/Empire Base; Flexiglas Base; Flintlastic Base 20; Yosemite	See Note 2	12-inch o.c. at 4-inch lap and 36-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-30.0*
S-65	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Glasbase; All Weather/Empire Base; Flexiglas Base; Flintlastic Base 20; Yosemite	See Note 2	12-inch o.c. at 4-inch lap and 24-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
S-66	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Poly SMS Base; Ultra Poly SMS Base	See Note 2	12-inch o.c. at 4-inch lap and 36-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
S-67	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Poly SMS Base; Ultra Poly SMS Base	See Note 2	18-inch o.c. at 4-inch lap and 18-inch o.c. in one staggered center row	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
S-68	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Poly SMS Base; Ultra Poly SMS Base	Dekfast IF-2-SB plates with #14 Dekfast	12-inch o.c. within the min. 4-inch wide, heat-welded side lap	SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*

TABLE 2C: STEEL OR CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE D: PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER									
NOTE: INSULATION OPTIONAL FOR RECOVER OR CONCRETE DECK APPLICATIONS (SEE NOTE 14)									
System No.	Deck (See Note 1)	Insulation Layer(s)		Base or Anchor Sheet			Roof Cover		MDP (psf)
		Type	Attach	Base	Fasteners	Attach	Ply	Cap	
S-69	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Yosemite	See Note 2	12-inch o.c. at 3-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-52.5
S-70	Min. 22 ga., type B, 40 ksi steel or min. 2,500 psi structural concrete	Min. 2-inch, One or more layers, any combination	Prelim. Attached	Ultra Poly SMS Base	Trufast 2" Barbed Metal Seam Plates with Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only)	12-inch o.c. within the min. 4-inch wide, heat-welded side lap	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-52.5
S-71	Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Ultra Poly SMS Base	Trufast 2.4" Barbed Metal Seam Plates with Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only)	12-inch o.c. within the min. 4-inch wide, heat-welded side lap	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-60.0
S-72	Min. 22 ga., type B, 40 ksi steel or min. 2,500 psi structural concrete	Min. 2-inch, One or more layers, any combination	Prelim. Attached	Ultra Poly SMS Base	Trufast 2.4" Scoop Seam Plates with Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only)	12-inch o.c. within the min. 4-inch wide, heat-welded side lap	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-67.5
S-73	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Glasbase; Yosemite	OMG Flat Bottom Plates with OMG #14 HD (Accutrac)	6-inch o.c. at 4-inch lap and 6-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-67.5
S-74	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Flexiglas Base; Flintlastic Base 20; Yosemite	See Note 2	6-inch o.c. at 4-inch lap and 6-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-67.5
S-75	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attach	Glasbase; Flexiglas; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Ultra Poly SMS Base; Yosemite	Flintfast 3 in. Insulation Plates with FlintFast #14; Trufast 3" Metal Insulation Plates with Trufast HD	6-inch o.c. at 4-inch lap and 6-inch o.c. at three (3) equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA or SBS-TA	-97.5
S-76	Min. 22 ga., type B, 40 ksi steel or min. 2,500 psi structural concrete	Min. 2-inch, One or more layers, any combination	Prelim. Attached	Ultra Poly SMS Base	Trufast 2.4" Scoop Seam Plates with Trufast #15 EHD (steel only) or Trufast #14 HD (concrete only)	6-inch o.c. within the min. 4-inch wide, heat-welded side lap	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-112.5

TABLE 2C: STEEL OR CONCRETE DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER SYSTEM TYPE D: PRELIMINARILY ATTACHED INSULATION, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER <i>NOTE: INSULATION OPTIONAL FOR RECOVER OR CONCRETE DECK APPLICATIONS (SEE NOTE 14)</i>									
System No.	Deck (See Note 1)	Insulation Layer(s)		Base or Anchor Sheet			Roof Cover		MDP (psf)
		Type	Attach	Base	Fasteners	Attach	Ply	Cap	
S-77	Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Poly SMS Base; Ultra Poly SMS Base	See Note 2	12-inch o.c. at 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	SBS-TA or APP-TA	SBS-TA or APP-TA	-112.5
S-78	Min. 22 ga., type B, Grade 80 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Poly SMS Base; Ultra Poly SMS Base	See Note 2	12-inch o.c. at 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	SBS-AA	SBS-AA or SBS-TA	-120.0
S-79	Min. 22 ga., type B, 40 ksi steel or min. 2,500 psi structural concrete	Min. 2-inch, One or more layers, any combination	Prelim. Attached	Ultra Poly SMS Base	Trufast 2.4" Scoop Seam Plates with Trufast #15 EHD (<i>steel only</i>) or Trufast #14 HD (<i>concrete only</i>)	6-inch o.c. within the min. 4-inch wide, heat-welded side laps and 6-inch o.c. in one (1) center row, stripped-in with 6-inch side strips of torch-applied Poly SMS Base or Ultra Poly SMS Base.	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-165.0
COLD-APPLIED SYSTEMS:									
S-80	Min. 22 ga., type B, Grade 33 steel or min. 2,500 psi structural concrete	Min. 1.5-inch, One or more layers, any combination	Prelim. Attached	Glasbase; All Weather/Empire Base; Flexiglas Base; Flintlastic Base 20	See Note 2	6-inch o.c. at 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	SBS-CA1	SBS-CA1	-45.0*

TABLE 3A: CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)										
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER										
Sys. No.	Deck (See Note 1)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
			Type	Attach	Type	Attach	Base	Ply	Cap	
SELF-ADHERING SYSTEMS:										
C-1.	Concrete	FlintPrime (ASTM D41)	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	HA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
C-2.	Concrete	FlintPrime (ASTM D41)	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or Multi-Max FA3	HA	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	HA	SBS-SA	(Optional) SBS-SA	SBS-SA	-192.5
C-3.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or Multi-Max FA3	A-PD	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	A-PD	SBS-SA	(Optional) SBS-SA	SBS-SA	-105.0
C-4.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	A-PD	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
C-5.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or Multi-Max FA3	A-PD 6-inch o.c.	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	A-PD 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-192.5
C-6.	Concrete	(Optional) FlintPrime (ASTM D41)	Min. 1.5-inch Multi-Max FA	D-IS or D-SG	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	D-IS or D-SG	SBS-SA	(Optional) SBS-SA	SBS-SA	-67.5
C-7.	Concrete	(Optional) FlintPrime (ASTM D41)	Min. 1.5-inch ENRGY 3	D-IS or D-SG	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	D-IS or D-SG	SBS-SA	(Optional) SBS-SA	SBS-SA	-112.5
C-8.	Concrete	(Optional) FlintPrime (ASTM D41)	Min. 1.5-inch ACFoam II or FlintBoard	D-IS or D-SG	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	D-IS or D-SG	SBS-SA	(Optional) SBS-SA	SBS-SA	-120.0
C-9.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	D-IS	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	D-IS	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
C-10.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	M-OSFA or M-PG1	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-OSFA or M-PG1	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
C-11.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or Multi-Max FA	M-OSFA or M-PG1	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	M-OSFA or M-PG1	SBS-SA	(Optional) SBS-SA	SBS-SA	-192.5
C-12.	Concrete	FlintPrime (ASTM D41)	Min. 1.5-inch ACFoam II, FlintBoard ISO or ENRGY 3	OB500	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA	-120.0
C-13.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO or ENRGY 3	OB500	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA	-150.0
C-14.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5

TABLE 3A: CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)										
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER										
Sys. No.	Deck (See Note 1)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
			Type	Attach	Type	Attach	Base	Ply	Cap	
C-15.	Concrete	None	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	CR-20	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
C-16.	Concrete	None	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	CR-20	SBS-SA	(Optional) SBS-SA	SBS-SA	-192.5
HYBRID SYSTEMS:										
C-17.	Concrete	FlintPrime (ASTM D41)	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	HA	(Optional) Additional layer(s) base insulation	HA	Flintlastic Ultra Glass SA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-322.5
C-18.	Concrete	FlintPrime (ASTM D41)	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	HA	(Optional) Additional layer(s) base insulation	HA	Black Diamond Base Sheet	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-375.0
C-19.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	A-PD	(Optional) Additional layer(s) base insulation	A-PD	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-180.0
C-20.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	A-PD	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-117.5
C-21.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	A-PD, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-217.5
C-22.	Concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-195.0
C-23.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	D-IS	(Optional) Additional layer(s) base insulation	D-IS	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-135.0
C-24.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	D-IS	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	D-IS	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-217.5
C-25.	Concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	D-IS	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-195.0
C-26.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	M-OSFA	(Optional) Additional layer(s) base insulation	M-OSFA	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-232.5

TABLE 3A: CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)										
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER										
Sys. No.	Deck (See Note 1)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
			Type	Attach	Type	Attach	Base	Ply	Cap	
C-27.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	M-OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-OSFA	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-217.5
C-28.	Concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-OSFA	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-195.0
C-29.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	M-PG1	(Optional) Additional layer(s) base insulation	M-PG1	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-270.0
C-30.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	M-PG1	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-217.5
C-31.	Concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-195.0
C-32.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	OB500	(Optional) Additional layer(s) base insulation	OB500	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-135.0
C-33.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-217.5
C-34.	Concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-195.0
C-35.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	3M CR-20	(Optional) Additional layer(s) base insulation	3M CR-20	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-270.0
C-36.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	3M CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3M CR-20	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-217.5
C-37.	Concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3M CR-20	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-195.0
CONVENTIONAL SYSTEMS:										
C-38.	Concrete	FlintPrime (ASTM D41)	Min. 1.5-inch ACFoam II, ACFoam IV, ENRGY 3, H-Shield, FlintBoard ISO	HA	(Optional) Additional layer(s) of base insulation	HA	BP-AA3, 24-inch grid	(Optional) BP-AA, SBS-AA	SBS-AA	-37.5
C-39.	Concrete	FlintPrime (ASTM D41)	Min. 1.5-inch ACFoam IV	HA	(Optional) Additional layer(s) of base insulation	HA	BP-AA4, 18-inch o.c.	(Optional) BP-AA, SBS-AA	SBS-AA	-60.0
C-40.	Concrete	FlintPrime (ASTM D41)	Min. 1.5-inch ACFoam II or FlintBoard ISO.	HA	Min. 0.25-inch Dens Deck, Dens Deck Prime	HA	SBS-TA	(Optional) SBS-TA	SBS-TA	-180.0
C-41.	Concrete	FlintPrime (ASTM D41)	(Optional) Min. 1.5-inch ACFoam II or FlintBoard ISO.	HA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0

TABLE 3A: CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)										
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER										
Sys. No.	Deck (See Note 1)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
			Type	Attach	Type	Attach	Base	Ply	Cap	
C-42.	Concrete	FlintPrime (ASTM D41)	(Optional) Min. 2-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	HA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-225.0
C-43.	Concrete	FlintPrime (ASTM D41)	(Optional) Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	HA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA	APP-TA	(Optional) APP-TA	APP-TA	-252.5
C-44.	Concrete	FlintPrime (ASTM D41)	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	HA	Min. 0.5-inch Structodek High Density Fiberboard	HA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-227.0
C-45.	Concrete	FlintPrime (ASTM D41)	(Optional) Min. 2-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	HA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-232.5
C-46.	Concrete	FlintPrime (ASTM D41)	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	HA	Min. 0.25-inch Dens Deck	HA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-240.0
C-47.	Concrete	FlintPrime (ASTM D41)	Min. 1.5-inch ACFoam II or FlintBoard ISO	HA	Min. 0.75-inch FescoBoard (homogeneous)	HA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-412.0
C-48.	Concrete	FlintPrime (ASTM D41)	Min. 1.5-inch ACFoam II or FlintBoard ISO	HA	Min. 0.5-inch DuraBoard (homogeneous)	HA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-430.0
C-49.	Concrete	FlintPrime (ASTM D41)	0.5-inch Structodek High Density Fiberboard or min. 0.75-inch Fesco Board (homogeneous)	HA	None	N/A	BP-AA	(Optional) BP-AA or SBS-AA	SBS-AA	-437.5
C-50.	Concrete	FlintPrime (ASTM D41)	0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	HA	None	N/A	SBS-TA	(Optional) SBS-AA or SBS-TA	SBS-AA or SBS-TA	-302.5
C-51.	Concrete	FlintPrime (ASTM D41)	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA	None	N/A	Flintlastic Ultra Poly SMS Base, torched	(Optional) Flintlastic Ultra Poly SMS Base, torched	SBS-TA	-487.5
C-52.	Concrete	FlintPrime (ASTM D41)	0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	HA	None	N/A	BP-AA	(Optional) BP-AA or SBS-AA	SBS-AA	-537.5
C-53.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	A-PD	Min. 0.5-inch Structodek High Density Fiberboard or Min. 0.25-inch Dens Deck	A-PD	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-105.0

TABLE 3A: CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)										
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER										
Sys. No.	Deck (See Note 1)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
			Type	Attach	Type	Attach	Base	Ply	Cap	
C-54.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	A-PD 6-inch o.c.	Min. 0.5-inch Structodek High Density Fiberboard or Min. 0.25-inch Dens Deck	A-PD 6-inch o.c.	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-217.5
C-55.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	A-PD	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-117.5
C-56.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	A-PD, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-217.5
C-57.	Concrete	None	0.5-inch Structodek High Density Fiberboard	A-PD, 6-inch o.c.	None	N/A	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-195.0
C-58.	Concrete	None	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	None	N/A	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-195.0
C-59.	Concrete	None	Min. 1.5-inch ACFoam II or FlintBoard ISO.	D-IS	Min. 0.25-inch Dens Deck	D-IS	SBS-TA	(Optional) SBS-TA	SBS-TA	-112.5
C-60.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	D-IS	Min. 0.25-inch Dens Deck Prime	D-IS	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA or SBS-TA	-297.5
C-61.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	D-IS	Min. 0.25-inch Dens Deck Prime	D-IS	SBS-TA	(Optional) SBS-TA	SBS-TA	-302.5
C-62.	Concrete	None	Min. 2-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	D-IS	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	D-IS	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-225.0
C-63.	Concrete	None	Min. 2-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	D-IS	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	D-IS	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-232.5
C-64.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	D-IS	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	D-IS	APP-TA	(Optional) APP-TA	APP-TA	-252.5
C-65.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	D-IS	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	D-IS	BP-AA, SBS-AA or SBS-TA	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA or SBS-TA	-297.5
C-66.	Concrete	None	0.5-inch Structodek High Density Fiberboard	D-IS	None	N/A	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-195.0

TABLE 3A: CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)										
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER										
Sys. No.	Deck (See Note 1)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
			Type	Attach	Type	Attach	Base	Ply	Cap	
C-67.	Concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	D-IS	None	N/A	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-195.0
C-68.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	M-OSFA	Min. 0.5-inch Structodek High Density Fiberboard	M-OSFA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-127.5
C-69.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	M-PG1	Min. 0.5-inch Structodek High Density Fiberboard	M-PG1	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0
C-70.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	M-OSFA	Min. 0.25-inch Dens Deck	M-OSFA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-232.5
C-71.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	M-PG1	Min. 0.25-inch Dens Deck	M-PG1	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-240.0
C-72.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	M-PG1	Min. 0.25-inch Dens Deck Prime	M-PG1	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA or SBS-TA	-297.5
C-73.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	M-PG1	Min. 0.25-inch Dens Deck Prime	M-PG1	SBS-TA	(Optional) SBS-TA	SBS-TA	-302.5
C-74.	Concrete	None	Min. 2-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	M-OSFA or M-PG1	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-OSFA or M-PG1	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-225.0
C-75.	Concrete	None	Min. 2-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	M-OSFA or M-PG1	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-OSFA or M-PG1	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-232.5
C-76.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	M-OSFA or M-PG1	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-OSFA or M-PG1	APP-TA	(Optional) APP-TA	APP-TA	-252.5
C-77.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	M-OSFA or M-PG1	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-OSFA or M-PG1	BP-AA, SBS-AA or SBS-TA	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA or SBS-TA	-297.5
C-78.	Concrete	None	0.5-inch Structodek High Density Fiberboard	M-PG1	None	N/A	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-195.0
C-79.	Concrete	None	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1	None	N/A	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-195.0

TABLE 3A: CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)										
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER										
Sys. No.	Deck (See Note 1)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
			Type	Attach	Type	Attach	Base	Ply	Cap	
C-80.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	OB500	Min. 0.5-inch Structodek High Density Fiberboard	OB500	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-120.0
C-81.	Concrete	None	Min. 1.5-inch ACFoam II or FlintBoard ISO.	OB500	Min. 0.25-inch Dens Deck or Dens Deck Prime	OB500	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-150.0
C-82.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	OB500	Min. 0.25-inch Dens Deck Prime	OB500	BP-AA, SBS-AA or SBS-TA	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA or SBS-TA	-297.5
C-83.	Concrete	None	Min. 2-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-225.0
C-84.	Concrete	None	Min. 2-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-232.5
C-85.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	APP-TA	(Optional) APP-TA	APP-TA	-252.5
C-86.	Concrete	None	Min. 1.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	BP-AA, SBS-AA or SBS-TA	(Optional) BP-AA, SBS-AA or SBS-TA	SBS-AA or SBS-TA	-297.5
C-87.	Concrete	None	0.5-inch Structodek High Density Fiberboard	OB500	None	N/A	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-195.0
C-88.	Concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	None	N/A	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-195.0
C-89.	Concrete	None	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.5-inch Structodek High Density Fiberboard or DuraBoard (homogeneous) or min. 1.5-inch FescoBoard (laminated)	CR-20	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0
C-90.	Concrete	None	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	CR-20	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-225.0

TABLE 3A: CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)										
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER										
Sys. No.	Deck (See Note 1)	Primer	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
			Type	Attach	Type	Attach	Base	Ply	Cap	
C-91.	Concrete	None	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	CR-20	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-232.5
C-92.	Concrete	None	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch Dens Deck	CR-20	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-240.0
C-93.	Concrete	None	0.5-inch Structodek High Density Fiberboard	3M CR-20	None	N/A	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-195.0
C-94.	Concrete	None	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3M CR-20	None	N/A	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-195.0
COLD-APPLIED SYSTEMS:										
C-95.	Concrete	None	(Optional) Min. 0.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	OB500 or 3M CR-20	Min. 1.5-inch ACFoam III, FlintBoard Iso Cold, H-Shield CG or FlintBoard Iso Cold _H	OB500 or 3M CR-20	SBS-CA1	None	SBS-CA1	-82.5
C-96.	Concrete	None	Min. 0.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	A-PD, D-IS, M-OSFA, M-PG1, OB500 or 3M CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD, D-IS, M-OSFA, M-PG1, OB500 or 3M CR-20	SBS-CA1	None	SBS-CA1	-105.0

TABLE 3B: CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)											
SYSTEM TYPE A-3: BONDED TEMP ROOF, BONDED INSULATION, BONDED ROOF COVER											
System No.	Deck (See Note 1)	Primer / Temp Roof		Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
				Type	Attach	Type	Attach	Base	Ply	Cap	
COLD-APPLIED SYSTEMS:											
C-97.	Conc.	FlintPrime (ASTM D41)	Flintlastic SA PlyBase, self-adhered	(Optional) Min. 0.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	OB500	Min. 1.5-inch ACFoam III, FlintBoard Iso Cold, H-Shield CG or FlintBoard Iso Cold _H	OB500	SBS-CA1	None	SBS-CA1	-82.5
C-98.	Conc.	FlintPrime (ASTM D41)	Flintlastic SA PlyBase, self-adhered	Min. 0.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-CA1	None	SBS-CA1	-82.5

TABLE 3C: CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)						
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER						
System No.	Deck (See Note 1)	Primer	Roof Cover			MDP (psf)
			Base	Ply	Cap	
SELF-ADHERING SYSTEMS:						
C-99.	Concrete	FlintPrime SA	SBS-SA	(Optional) SBS-SA	SBS-SA	-555.0
C-100.	Concrete	FlintPrime (ASTM D41)	SBS-SA	(Optional) SBS-SA	SBS-SA	-630.0
HYBRID SYSTEMS:						
C-101.	Concrete	FlintPrime SA	Flintlastic Ultra Glass SA	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-52.5
C-102.	Concrete	FlintPrime (ASTM D41)	Flintlastic Ultra Glass SA	(Optional) SBS-AA	SBS-AA	-135.0
C-103.	Concrete	FlintPrime (ASTM D41)	Black Diamond Base Sheet	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-150.0
C-104.	Concrete	FlintPrime (ASTM D41)	Flintlastic Ultra Glass SA	(Optional) SBS-TA, APP-TA	SBS-TA, APP-TA	-322.5
C-105.	Concrete	FlintPrime (ASTM D41)	Black Diamond Base Sheet	(Optional) BP-AA, SBS-AA	SBS-AA	-240.0
CONVENTIONAL SYSTEMS:						
C-106.	Concrete	FlintPrime (ASTM D41)	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-240.0
C-107.	Concrete	FlintPrime (ASTM D41)	APP-TA	(Optional) APP-TA	APP-TA	-420.0
C-108.	Concrete	FlintPrime (ASTM D41)	SBS-TA	(Optional) SBS-TA	SBS-TA	-542.5

TABLE 4A: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)										
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER										
System No.	Deck (See Note 1)		Base Insulation Layer		Coverboard		Roof Cover			MDP (psf)
	Struct. Deck	LWC	Type	Attach	Type	Attach	Base	Ply	Cap	
SELF-ADHERING SYSTEMS:										
LWC-1	Concrete	Min. 200 psi, min. 2-inch Elastizell	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	A-PD, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
LWC-2	Concrete	Min. 200 psi, min. 2-inch Elastizell	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or Multi-Max FA3	A-PD, 6-inch o.c.	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	A-PD, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-187.5
LWC-3	Concrete	Min. 200 psi, min. 2-inch Elastizell	Min. 1.5-inch ACFoam II, FlintBoard ISO or ENRGY 3	OB500	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA	-150.0
LWC-4	Concrete	Min. 200 psi, min. 2-inch Elastizell	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
LWC-5	Concrete	Min. 200 psi, min. 2-inch Celcore, Elastizell or Celcore	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	CR-20	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
LWC-6	Concrete	Min. 200 psi, min. 2-inch Celcore, Elastizell or Celcore	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	CR-20	SBS-SA	(Optional) SBS-SA	SBS-SA	-180.0
CONVENTIONAL SYSTEMS:										
LWC-7	Concrete	Min. 200 psi, min. 2-inch Elastizell	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	A-PD 6-inch o.c.	Min. 0.5-inch Structodek High Density Fiberboard or Min. 0.25-inch Dens Deck	A-PD 6-inch o.c.	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-187.5
LWC-8	Concrete	Min. 200 psi, min. 2-inch Elastizell	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	A-PD, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	BP-AA or SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-217.5
LWC-9	Concrete	Min. 200 psi, min. 2-inch Elastizell	Min. 1.5-inch ACFoam II or FlintBoard ISO.	OB500	Min. 0.25-inch Dens Deck or Dens Deck Prime	OB500	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-150.0
LWC-10	Concrete	Min. 200 psi, min. 2-inch Elastizell	Min. 1.5-inch ACFoam II or FlintBoard ISO.	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-TA	(Optional) SBS-TA	SBS-TA	-180.0

TABLE 4A: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)										
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER										
System No.	Deck (See Note 1)		Base Insulation Layer		Coverboard		Roof Cover			MDP (psf)
	Struct. Deck	LWC	Type	Attach	Type	Attach	Base	Ply	Cap	
LWC-11	Concrete	Min. 200 psi, min. 2-inch Elastizell	Min. 2-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-225.0
LWC-12	Concrete	Min. 200 psi, min. 2-inch Celcore, Elastizell or Celcore	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.5-inch Structodek High Density Fiberboard or DuraBoard (homogeneous) or min. 1.5-inch FescoBoard (laminated)	CR-20	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0
LWC-13	Concrete	Min. 200 psi, min. 2-inch Celcore, Elastizell or Celcore	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Dens Deck Prime	CR-20	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0
COLD APPLIED SYSTEMS:										
LWC-14	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 350 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete with Zell Fibers.	Min. 1.5-inch H-Shield CG	OB500, 6-inch o.c.	(Optional) Additional layers of base insulation	OB500, 6-inch o.c.	BP-CA3 or SBS-CA3	(Optional) BP-CA3 or SBS-CA3	SBS-CA3	-60.0
LWC-15	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 350 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete with Zell Fibers. When walkable, attach LWC with Flintfast #14 and Flintfast 3" Round Plates at 1 per 8 ft ² through to the structural deck.	Min. 1.5-inch H-Shield CG	OB500, 6-inch o.c.	(Optional) Additional layers of base insulation	OB500, 6-inch o.c.	BP-CA3 or SBS-CA3	(Optional) BP-CA3 or SBS-CA3	SBS-CA3	-67.5

TABLE 4B: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION or REROOF (Tear-Off)											
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER											
System No.	Deck (See Note 1)	Anchor Sheet			Insulation			Roof Cover			MDP (psf)
		Type	Fasteners	Attach	Base	Top	Attach	Base	Ply	Cap	
LWC-16	Minimum 350 psi, minimum 2-inch Elastzell cellular LWIC over min. 22 ga. steel or concrete deck.	Yosemite Venting Base	ES FM-90 Base Ply Fasteners	7-inch o.c. at the 4-inch side lap and 7-inch o.c. at two, equally spaced, staggered rows in the center of the sheet	Min. 1.5-inch ACFoam II	(Optional) Additional layers base insulation	Hot asphalt	BP-AA3, 18-inch grid	(Optional) BP-AA, SBS-AA	SBS-AA	-37.5*
LWC-17	Minimum 350 psi, minimum 2-inch Elastzell cellular LWIC over min. 22 ga. steel or concrete deck.	Yosemite Venting Base	ES FM-90 Base Ply Fasteners	7-inch o.c. at the 4-inch side lap and 7-inch o.c. at two, equally spaced, staggered rows in the center of the sheet	Min. 1.5-inch ACFoam IV	(Optional) Additional layers base insulation	Hot asphalt	BP-AA3, 18-inch grid	(Optional) BP-AA, SBS-AA	SBS-AA	-52.5*
LWC-18	Minimum 350 psi, minimum 2-inch Approved or existing cellular LWIC over min. 22 ga. steel or concrete deck. <i>Note: To qualify the LWIC under this assembly, the subject fastener shall achieve an average withdrawal of 88 lbf when tested per TAS 105 or ANSI/SPRI FX-1.</i>	Yosemite Venting Base	ES Twin-Loc Nails	9-inch o.c. at the 4-inch side lap and 9-inch o.c. at two, equally spaced, staggered rows in the center of the sheet	Min. 1.5-inch ACFoam II or ACFoam IV	(Optional) Additional layers base insulation	Hot asphalt	BP-AA4, 18-inch o.c.	(Optional) BP-AA, SBS-AA	SBS-AA	-60.0

TABLE 4C: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)								
SYSTEM TYPE E: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER								
System No.	Deck (See Note 1)		Base Sheet			Roof Cover		MDP (psf)
	Structural Deck	Lightweight Concrete	Type	Fasteners	Attach	Ply	Cap	
SELF-ADHERING SYSTEMS:								
LWC-19	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch Approved cellular lightweight insulating concrete. <i>Note: To qualify the LWIC under this assembly, a 1.8-inch Trufast Twin Loc-Nail Assembled Fastener shall achieve an average withdrawal of 73 lbf when tested per TAS 105 or ANSI/SPRI FX-1</i>	Flintlastic SA NailBase	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	7-inch o.c. at the min. 2-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows; Stress plates shall be primed with FlintPrime (ASTM D41) primer or FlintPrime SA	SBS-SA	SBS-SA	-60.0
LWC-20	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch Approved cellular lightweight insulating concrete. <i>Note: To qualify the LWIC under this assembly, a 1.8-inch Trufast Twin Loc-Nail Assembled Fastener shall achieve an average withdrawal of 93 lbf when tested per TAS 105 or ANSI/SPRI FX-1</i>	Flintlastic SA NailBase	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	9-inch o.c. at the min. 2-inch lap and 9-inch o.c. in two, equally spaced, staggered center rows; Stress plates shall be primed with FlintPrime (ASTM D41) primer or FlintPrime SA	SBS-SA	SBS-SA	-60.0
HYBRID SYSTEMS:								
LWC-21	Min. 26 ga. steel at max 5 ft spans or structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base or Poly SMS Base	Trufast FM-90 Base Sheet Fasteners or Trufast Twin Loc-Nail Assembled Fasteners (1.8 inch)	7½-inch o.c. at the 4-inch lap and 7½-inch o.c. in two, equally spaced, staggered center rows	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-30.0
LWC-22	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base or Poly SMS Base	Trufast FM-90 Base Sheet Fasteners or Trufast Twin Loc-Nail Assembled Fasteners (1.8 inch)	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-45.0
LWC-23	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch Approved cellular lightweight insulating concrete. <i>Note: To qualify the LWIC under this assembly, a 1.8-inch Trufast Twin Loc-Nail Assembled Fastener shall achieve an average withdrawal of 88 lbf when tested per TAS 105 or ANSI/SPRI FX-1</i>	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	9-inch o.c. at the 4-inch lap and 9-inch o.c. in two, equally spaced, staggered center rows	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-60.0
LWC-24	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 350 psi, min. 3-inch Approved cellular lightweight insulating concrete. <i>Note: To qualify the LWIC under this assembly, a 1.8-inch Trufast Twin Loc-Nail Assembled Fastener shall achieve an average withdrawal of 97 lbf when tested per TAS 105 or ANSI/SPRI FX-1</i>	Flexiglas Base; Flintlastic Base 20 or Poly SMS Base	Trufast FM-90 Base Sheet Fasteners	7-inch o.c. at the 4-inch lap and 10-inch o.c. in two, equally spaced, staggered center rows	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-67.5

TABLE 4C: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)								
SYSTEM TYPE E: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER								
System No.	Deck (See Note 1)		Base Sheet			Roof Cover		MDP (psf)
	Structural Deck	Lightweight Concrete	Type	Fasteners	Attach	Ply	Cap	
LWC-25	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch Approved cellular lightweight insulating concrete. <i>Note: To qualify the LWIC under this assembly, a 1.8-inch Trufast Twin Loc-Nail Assembled Fastener shall achieve an average withdrawal of 110 lbf when tested per TAS 105 or ANSI/SPRI FX-1</i>	Poly SMS Base; Ultra Poly SMS Base	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	9-inch o.c. at the 4-inch lap and 9-inch o.c. in two, equally spaced, staggered center rows	SBS-SA-H	SBS-AA, SBS-TA or APP-TA	-75.0
CONVENTIONAL SYSTEMS:								
LWC-26	Min. 26 ga. steel at max 5 ft spans or structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Yosemite	Trufast FM-90 Base Sheet Fasteners or Trufast Twin Loc-Nail Assembled Fasteners (1.8 inch)	7½-inch o.c. at the 4-inch lap and 7½-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-30.0
LWC-27	Min. 26 ga. steel at max 5 ft spans or structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	Flintlastic APP Base T	Trufast FM-90 Base Sheet Fasteners	7½-inch o.c. at the 4-inch lap and 7½-inch o.c. in two, equally spaced, staggered center rows	(Optional) APP-TA	APP-TA	-30.0
LWC-28	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Yosemite	Trufast FM-90 Base Sheet Fasteners or Trufast Twin Loc-Nail Assembled Fasteners (1.8 inch)	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0
LWC-29	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 200 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete.	Flintlastic APP Base T	Trufast FM-90 Base Sheet Fasteners	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	(Optional) APP-TA	APP-TA	-45.0
LWC-30	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 250 psi, min 2-inch Mearlcrete.	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Yosemite	OMG CR Base Ply Fasteners (1.7)	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA	-45.0

TABLE 4C: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)								
SYSTEM TYPE E: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER								
System No.	Deck (See Note 1)		Base Sheet			Roof Cover		MDP (psf)
	Structural Deck	Lightweight Concrete	Type	Fasteners	Attach	Ply	Cap	
LWC-31	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 250 psi, min 2-inch Mearlcrete.	Poly SMS Base	OMG CR Base Ply Fasteners (1.7)	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA	-52.5
LWC-32	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 300 psi, min 2-inch Mearlcrete.	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Yosemite	OMG CR Base Ply Fasteners (1.7)	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA	-52.5
LWC-33	Min. 22 ga. steel at max 5 ft spans or structural concrete	Concrecel Bonding Agent on deck; Min. 300 psi, min 2¼-inch Concrecel Concrete.	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Yosemite	OMG CR Base Ply Fasteners (1.7)	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA	-52.5
LWC-34	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch Approved cellular lightweight insulating concrete. <i>Note: To qualify the LWIC under this assembly, a 1.8-inch Trufast Twin Loc-Nail Assembled Fastener shall achieve an average withdrawal of 88 lbf when tested per TAS 105 or ANSI/SPRI FX-1</i>	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Yosemite	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	9-inch o.c. at the 4-inch lap and 9-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0
LWC-35	Min. 22 ga., type B steel at max. 5 ft spans or min. 2,500 psi struct. conc.	Min. 300 psi, min 2-inch Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture. After setting to support foot traffic, Celcore PVA Curing Compound is applied.	All Weather / Empire Base; Flintlastic Base 20; Poly SMS Base	Trufast FM-90 Base Sheet Fasteners	9-inch o.c. at 4-inch laps and 12-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-AA, SBS-AA or SBS-TA-F	SBS-AA or SBS-TA-F	-60.0
LWC-36	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch Approved cellular lightweight insulating concrete. <i>Note: To qualify the LWIC under this assembly, a 1.8-inch Trufast Twin Loc-Nail Assembled Fastener shall achieve an average withdrawal of 77 lbf when tested per TAS 105 or ANSI/SPRI FX-1</i>	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Yosemite	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA	-67.5

TABLE 4C: LIGHTWEIGHT CONCRETE DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)								
SYSTEM TYPE E: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER								
System No.	Deck (See Note 1)		Base Sheet			Roof Cover		MDP (psf)
	Structural Deck	Lightweight Concrete	Type	Fasteners	Attach	Ply	Cap	
LWC-37	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 350 psi, min. 3-inch Approved cellular lightweight insulating concrete. <i>Note: To qualify the LWIC under this assembly, a 1.8-inch Trufast Twin Loc-Nail Assembled Fastener shall achieve an average withdrawal of 97 lbf when tested per TAS 105 or ANSI/SPRI FX-1</i>	Flexiglas Base; Flintlastic Base 20; Poly SMS Base; Yosemite	Trufast FM-90 Base Sheet Fasteners	7-inch o.c. at the 4-inch lap and 10-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-67.5
LWC-38	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 300 psi, min. 2-inch Approved cellular lightweight insulating concrete. <i>Note: To qualify the LWIC under this assembly, a 1.8-inch Trufast Twin Loc-Nail Assembled Fastener shall achieve an average withdrawal of 110 lbf when tested per TAS 105 or ANSI/SPRI FX-1</i>	Poly SMS Base; Ultra Poly SMS Base	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	9-inch o.c. at the 4-inch lap and 9-inch o.c. in two, equally spaced, staggered center rows	BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-75.0
LWC-39	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 300 psi, min 2-inch Celcore Cellular Concrete. After setting to support foot traffic, Celcore PVA Curing Compound is applied.	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Poly SMS Base; Yosemite	Trufast FM-90 Base Sheet Fasteners	7-inch o.c. at the 3-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA	-75.0
COLD APPLIED SYSTEMS:								
LWC-40	Min. 22 ga. steel at max 5 ft spans or structural concrete	Min. 350 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete with Zell Fibers.	Flintlastic Base 20; Poly SMS Base	Trufast FM-90 Base Sheet Fasteners	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-CA2 or SBS-CA2	SBS-CA2	-45.0
LWC-41	Min. 22 ga. steel at max 5 ft spans	Min. 350 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete with Zell Fibers.	Glasbase; Flexiglas Base; Poly SMS Base	Trufast FM-90 Base Sheet Fasteners	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-CA3 or SBS-CA3	SBS-CA3	-52.5
LWC-42	Structural concrete	Min. 350 psi, min 2-inch Range II Elastizell Lightweight Insulating Concrete with Zell Fibers.	Glasbase; Flexiglas Base; Poly SMS Base	Trufast FM-90 Base Sheet Fasteners	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	(Optional) BP-CA3 or SBS-CA3	SBS-CA3	-60.0

TABLE 5A: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)									
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
System No.	Deck (Note 1)	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
		Type	Attach	Type	Attach	Base	Ply	Cap	
SELF-ADHERING SYSTEMS:									
CWF-1.	Tectum	Min. 1.5-inch FlintBoard ISO, ACFoam II, ENRGY 3 or Multi-Max FA3	OB500	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA; or SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA	-45.0*
CWF-2.	Tectum	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA; or SECUROCK Gypsum-Fiber Roof Board	CR-20	SBS-SA	(Optional) SBS-SA	SBS-SA	-52.5
CONVENTIONAL SYSTEMS:									
CWF-3.	Tectum	Min. 1.5-inch FlintBoard ISO, ACFoam II, ENRGY 3 or Multi-Max FA3	OB500	Min. 0.5-inch Structodek High Density Fiberboard	OB500	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
CWF-4.	Tectum	Min. 1.5-inch FlintBoard ISO, ACFoam II, ENRGY 3 or Multi-Max FA3	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Dens Deck or Dens Deck Prime	OB500	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
CWF-5.	Tectum	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.5-inch Structodek High Density Fiberboard or DuraBoard (homogeneous) or min. 1.5-inch FescoBoard (laminated)	CR-20	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-52.5
CWF-6.	Tectum	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Dens Deck or Dens Deck Prime	CR-20	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-52.5

TABLE 5B: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)												
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER												
System No.	Deck (Note 1)	Anchor Sheet			Base Insulation		Top Insulation		Roof Cover			MDP (psf)
		Type	Fasteners	Attach	Type	Attach	Type	Attach	Base	Ply	Cap	
HYBRID SYSTEMS:												
CWF-7.	Tectum	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Yosemite	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or Multi-Max FA3	HA	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0
CONVENTIONAL SYSTEMS:												
CWF-8.	Tectum	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Yosemite	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or Multi-Max FA3	HA	Min. 0.75-inch FescoBoard (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard	HA	BP-AA or SBS-AA	(Optional) BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA	-60.0

TABLE 5C: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER									
SYSTEM TYPE C: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (See Note 1)	Base Insulation Layer(s)	Top Insulation Layer			Roof Cover			MDP (psf)
			Type	Fasteners	Attach	Base	Ply	Cap	
CWF-9.	Tectum	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch FM Approved high density wood fiberboard	OMG Polymer GypTec with 3" GypTec Plate	1 per 2 ft ²	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
CWF-10.	Tectum	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck or Dens Deck Prime	OMG Polymer GypTec with 3" GypTec Plate	1 per 1.78 ft ²	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
CWF-11.	Tectum	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch FM Approved high density wood fiberboard	Trufast Twin Loc-Nail Assembled Fasteners (minimum 1-inch embedment into deck)	1 per 2 ft ²	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
CWF-12.	Tectum	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck or Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	Trufast Twin Loc-Nail Assembled Fasteners (minimum 1-inch embedment into deck)	1 per 2 ft ²	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*

TABLE 5D: CEMENTITIOUS WOOD FIBER DECKS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)							
SYSTEM TYPE E: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
System No.	Deck (See Note 1)	Base Sheet			Roof Cover		MDP (psf)
		Base	Fasteners	Attach	Ply	Cap	
SELF-ADHERING SYSTEMS:							
CWF-13.	Tectum	Flintlastic SA NailBase	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	SBS-SA	SBS-SA	-60.0
CONVENTIONAL SYSTEMS:							
CWF-14.	Tectum	All Weather / Empire Base; Yosemite	Trufast Insuldeck Loc-Nail Base Sheet Fastener	9-inch o.c. at the 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	BP-AA or SBS-AA	SBS-AA	-30.0*
CWF-15.	Tectum	All Weather / Empire Base; Yosemite	Trufast Insuldeck Loc-Nail Base Sheet Fastener	7½-inch o.c. at the 4-inch lap and 7½-inch o.c. in two, equally spaced, staggered center rows	BP-AA or SBS-AA	SBS-AA	-45.0*
CWF-16.	Tectum	Glasbase; Flexiglas Base; All Weather / Empire Base; Yosemite	Simplex Turbo Tube-Lok	9-inch o.c. at the 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
CWF-17.	Tectum	Glasbase; Flexiglas Base; Flintlastic Base 20 or All Weather / Empire Base; Yosemite	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA	-67.5

TABLE 6A: GYPSUM DECKS – REROOF (TEAR-OFF)										
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER										
System No.	Deck	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)	
		Type	Attach	Type	Attach	Base	Ply	Cap		
SELF-ADHERING SYSTEMS:										
G-1.	Existing sound gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield		M-OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-OSFA	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
G-2.	Existing sound gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or Multi-Max FA		M-OSFA	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	M-OSFA	SBS-SA	(Optional) SBS-SA	SBS-SA	-192.5
G-3.	Existing sound gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FlintBoard ISO or ENRGY 3		OB500	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA or SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA	-135.0
G-4.	Existing sound gypsum or gypsum plank	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV		CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	CR-20	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
G-5.	Existing sound gypsum or gypsum plank	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV		CR-20	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	CR-20	SBS-SA	(Optional) SBS-SA	SBS-SA	-192.5
CONVENTIONAL SYSTEMS:										
G-6.	Existing sound gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield		M-OSFA	Min. 0.5-inch Structodek High Density Fiberboard	M-OSFA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-127.5
G-7.	Existing sound gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield		M-OSFA	Min. 0.25-inch Dens Deck	M-OSFA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-232.5
G-8.	Existing sound gypsum or gypsum plank	Min. 2-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield		M-OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-OSFA	BP-AA or SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-202.5
G-9.	Existing sound gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield		OB500	Min. 0.5-inch Structodek High Density Fiberboard	OB500	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-120.0
G-10.	Existing sound gypsum or gypsum plank	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield		OB500	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	OB500	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-135.0

TABLE 6A: GYPSUM DECKS – REROOF (TEAR-OFF)									
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
System No.	Deck	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
		Type	Attach	Type	Attach	Base	Ply	Cap	
G-11.	Existing sound gypsum or gypsum plank	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch AC Foam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch AC Foam IV	CR-20	Min. 0.25-inch Dens Deck or Dens Deck Prime	CR-20	SBS-TA	(Optional) SBS-TA	SBS-TA	-180.0
G-12.	Existing sound gypsum or gypsum plank	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch AC Foam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch AC Foam IV	CR-20	Min. 0.5-inch Structodek High Density Fiberboard or DuraBoard (homogeneous) or min. 1.5-inch FescoBoard (laminated)	CR-20	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0
G-13.	Existing sound gypsum or gypsum plank	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch AC Foam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch AC Foam IV	CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	CR-20	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-225.0
G-14.	Existing sound gypsum or gypsum plank	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch AC Foam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch AC Foam IV	CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	CR-20	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-232.5
G-15.	Existing sound gypsum or gypsum plank	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch AC Foam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch AC Foam IV	CR-20	Min. 0.25-inch Dens Deck	CR-20	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-240.0

TABLE 6B: GYPSUM DECKS – REROOF (TEAR-OFF)												
SYSTEM TYPE A-2: MECHANICALLY ATTACHED ANCHOR SHEET, BONDED INSULATION, BONDED ROOF COVER												
System No.	Deck (See Note 1)	Anchor Sheet			Base Insulation		Top Insulation		Roof Cover			MDP (psf)
		Type	Fasteners	Attach	Type	Attach	Type	Attach	Base	Ply	Cap	
HYBRID SYSTEMS:												
G-16.	Existing sound gypsum or gypsum plank	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Yosemite	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or Multi-Max FA3	HA	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-60.0
CONVENTIONAL SYSTEMS:												
G-17.	Existing sound gypsum or gypsum plank	All Weather / Empire Base; Yosemite	Trufast FM-75 or FM-90 Base Sheet Fastener	9-inch o.c. at the 4-inch lap and 18-inch o.c. in two, equally spaced, staggered center rows	(Optional) Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or Multi-Max FA3	HA	Min. 0.75-inch FescoBoard (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard	HA	BP-AA or SBS-AA	(Optional) BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA	-45.0*
G-18.	Existing sound gypsum or gypsum plank	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Yosemite	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	7-inch o.c. at the 4-inch lap and 7-inch o.c. in two, equally spaced, staggered center rows	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or Multi-Max FA3	HA	Min. 0.75-inch FescoBoard (homogeneous) or min. 0.5-inch Structodek High Density Fiberboard	HA	BP-AA or SBS-AA	(Optional) BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA	-60.0

TABLE 6C: GYPSUM DECKS – REROOF (TEAR-OFF)									
SYSTEM TYPE C: MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER									
System No.	Deck (See Note 1)	Base Insulation Layer(s)	Top Insulation Layer			Roof Cover			MDP (psf)
			Type	Fasteners	Attach	Base	Ply	Cap	
G-19.	Existing sound gypsum or gypsum plank	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch FM Approved high density wood fiberboard	OMG Polymer GypTec with 3" GypTec Plate	1 per 2 ft ²	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
G-20.	Existing sound gypsum or gypsum plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck or Dens Deck Prime	OMG Polymer GypTec with 3" GypTec Plate	1 per 1.78 ft ²	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
G-21.	Existing sound gypsum or gypsum plank	(Optional) One or more layers, any combination, loose laid	Min. 0.5-inch FM Approved high density wood fiberboard	Trufast Twin Loc-Nail Assembled Fasteners (minimum 1-inch embedment into deck)	1 per 2 ft ²	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
G-22.	Existing sound gypsum or gypsum plank	(Optional) One or more layers, any combination, loose laid	Min. 0.25-inch Dens Deck or Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	Trufast Twin Loc-Nail Assembled Fasteners (minimum 1-inch embedment into deck)	1 per 2 ft ²	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*

TABLE 6D: GYPSUM DECKS – REROOF (TEAR-OFF)							
SYSTEM TYPE E: MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER							
System No.	Deck (See Note 1)	Base Sheet			Roof Cover		MDP (psf)
		Base	Fasteners	Attach	Ply	Cap	
SELF-ADHERING SYSTEMS:							
G-23.	Existing sound gypsum or gypsum plank	Flintlastic SA NailBase	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	9-inch o.c. at the 4-inch lap and 9-inch o.c. in two, equally spaced, staggered center rows	SBS-SA	SBS-SA	-60.0
CONVENTIONAL SYSTEMS:							
G-24.	Existing sound gypsum or gypsum plank	All Weather / Empire Base; Yosemite	Trufast FM-75 or FM-90 Base Sheet Fastener	9-inch o.c. at the 4-inch lap and 18-inch o.c. in two, equally spaced, staggered center rows	BP-AA or SBS-AA	SBS-AA	-45.0*
G-25.	Existing sound gypsum or gypsum plank	Glasbase; Flexiglas Base; All Weather / Empire Base; Yosemite	Simplex Turbo Tube-Lok	9-inch o.c. at the 4-inch lap and 12-inch o.c. in two, equally spaced, staggered center rows	SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-45.0*
G-26.	Existing sound gypsum or gypsum plank	Glasbase; Flexiglas Base; Flintlastic Base 20; All Weather / Empire Base; Yosemite	Trufast Twin Loc-Nail Assembled Fastener (min. 1.8")	9-inch o.c. at the 4-inch lap and 9-inch o.c. in two, equally spaced, staggered center rows	BP-AA or SBS-AA	SBS-AA, SBS-TA or APP-TA	-67.5

TABLE 7A: RECOVER APPLICATIONS									
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
System No.	Substrate (See Notes 1 & 11)	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
		Type	Attach	Type	Attach	Base	Ply	Cap	
SELF-ADHERING SYSTEMS:									
R-1	Existing fully bonded BUR or modified bitumen roof cover	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA; or SECUROCK Gypsum-Fiber Roof Board.	HA	None	N/A	SBS-SA	(Optional) SBS-SA	SBS-SA	-105.0
R-2	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3, H-Shield or Multi-Max FA3	HA	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA; or SECUROCK Gypsum-Fiber Roof Board.	HA	SBS-SA	(Optional) SBS-SA	SBS-SA	-105.0
R-3	Existing fully bonded, smooth surface BUR or modified bitumen	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA or SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	None	N/A	SBS-SA	(Optional) SBS-SA	SBS-SA	-105.0
R-4	Existing fully bonded, mineral surface modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	None	N/A	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
R-5	Existing fully bonded, mineral surface modified bitumen	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	A-PD, 6-inch o.c.	None	N/A	SBS-SA	(Optional) SBS-SA	SBS-SA	-180.0
R-6	Existing fully bonded, smooth surface BUR or modified bitumen	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or Multi-Max FA3	A-PD, 6-inch o.c.	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA or SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-52.5
R-7	Existing fully bonded, mineral surface BUR or modified bitumen	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or Multi-Max FA3	A-PD, 6-inch o.c.	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA or SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
R-8	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	M-OSFA	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA or SECUROCK Gypsum-Fiber Roof Board	M-OSFA	SBS-SA	(Optional) SBS-SA	SBS-SA	-157.5
R-9	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1	None	N/A	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
R-10	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	M-PG1	None	N/A	SBS-SA	(Optional) SBS-SA	SBS-SA	-180.0
R-11	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or H-Shield	M-PG1	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5

TABLE 7A: RECOVER APPLICATIONS									
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
System No.	Substrate (See Notes 1 & 11)	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
		Type	Attach	Type	Attach	Base	Ply	Cap	
R-12	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.5-inch ACFoam II, FlintBoard, ENRGY 3 or Multi-Max FA	M-PG1	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	M-PG1	SBS-SA	(Optional) SBS-SA	SBS-SA	-180.0
R-13	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA or SECUROCK Gypsum-Fiber Roof Board	OB500	None	N/A	SBS-SA	(Optional) SBS-SA	SBS-SA	-120.0
R-14	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.5-inch ACFoam II, FlintBoard ISO or ENRGY 3	OB500	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA or SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-SA	(Optional) SBS-SA	SBS-SA	-120.0
R-15	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3M CR-20	None	N/A	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
R-16	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	3M CR-20	None	N/A	SBS-SA	(Optional) SBS-SA	SBS-SA	-192.5
R-17	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	CR-20	SBS-SA	(Optional) SBS-SA	SBS-SA	-172.5
R-18	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch Dens Deck primed with FlintPrime or FlintPrime SA	CR-20	SBS-SA	(Optional) SBS-SA	SBS-SA	-192.5
HYBRID SYSTEMS:									
R-19	Existing fully bonded BUR or modified bitumen roof cover	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	HA	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-105.0
R-20	Existing fully bonded, smooth surface BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-105.0
R-21	Existing fully bonded, mineral surface modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-180.0

TABLE 7A: RECOVER APPLICATIONS									
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
System No.	Substrate (See Notes 1 & 11)	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
		Type	Attach	Type	Attach	Base	Ply	Cap	
R-22	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-180.0
R-23	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-120.0
R-24	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3M CR-20	None	N/A	SBS-SA-H	(Optional) SBS-AA, SBS-TA, APP-TA	SBS-AA, SBS-TA, APP-TA	-195.0
CONVENTIONAL SYSTEMS:									
R-25	Existing fully bonded BUR or modified bitumen roof cover	0.5-inch Structodek High Density Fiberboard or min. 0.75-inch Fesco Board (homogeneous)	HA	None	N/A	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-105.0
R-26	Existing fully bonded BUR or modified bitumen roof cover	0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	HA	None	N/A	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-105.0
R-27	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3, H-Shield or Multi-Max FA3	HA	Min. 0.5-inch Structodek High Density Fiberboard, Min. 0.75-inch FescoBoard (homogeneous) or Min. 0.5-inch DuraBoard (homogeneous)	HA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-105.0
R-28	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3, H-Shield or Multi-Max FA3	HA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Dens Deck, Dens Deck Prime	HA	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-105.0
R-29	Existing fully bonded, smooth surface BUR or modified bitumen	Min. 0.5-inch Structodek High Density Fiberboard	A-PD, 6-inch o.c.	None	N/A	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-105.0
R-30	Existing fully bonded, mineral surface modified bitumen	Min. 0.5-inch Structodek High Density Fiberboard	A-PD, 6-inch o.c.	None	N/A	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0
R-31	Existing fully bonded, smooth surface BUR or modified bitumen	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	None	N/A	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-105.0
R-32	Existing fully bonded, mineral surface modified bitumen	Min. 0.25-inch Dens Deck, Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	None	N/A	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0

TABLE 7A: RECOVER APPLICATIONS									
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
System No.	Substrate (See Notes 1 & 11)	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
		Type	Attach	Type	Attach	Base	Ply	Cap	
R-33	Existing fully bonded, smooth surface BUR or modified bitumen	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	A-PD, 6-inch o.c.	Min. 0.5-inch Structodek High Density Fiberboard	A-PD, 6-inch o.c.	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-52.5
R-34	Existing fully bonded, smooth surface BUR or modified bitumen	Min. 2-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	A-PD, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Dens Deck	A-PD, 6-inch o.c.	BP-AA or SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-52.5
R-35	Existing fully bonded, mineral surface BUR or modified bitumen	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	A-PD, 6-inch o.c.	Min. 0.5-inch Structodek High Density Fiberboard	A-PD, 6-inch o.c.	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-172.5
R-36	Existing fully bonded, mineral surface BUR or modified bitumen	Min. 2-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	A-PD, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Dens Deck	A-PD, 6-inch o.c.	BP-AA or SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-172.5
R-37	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	M-OSFA	Min. 0.5-inch Structodek High Density Fiberboard	M-OSFA	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-127.5
R-38	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	M-OSFA	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Dens Deck	M-OSFA	BP-AA or SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-157.5
R-39	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.5-inch Structodek High Density Fiberboard	M-PG1	None	N/A	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0
R-40	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	M-PG1	None	N/A	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0
R-41	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	M-PG1	Min. 0.5-inch Structodek High Density Fiberboard	M-PG1	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0
R-42	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	M-PG1	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board or Dens Deck	M-PG1	BP-AA or SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0

TABLE 7A: RECOVER APPLICATIONS									
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
System No.	Substrate (See Notes 1 & 11)	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
		Type	Attach	Type	Attach	Base	Ply	Cap	
R-43	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.5-inch Structodek High Density Fiberboard	OB500	None	N/A	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-120.0
R-44	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	None	N/A	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-120.0
R-45	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	OB500	Min. 0.5-inch Structodek High Density Fiberboard	OB500	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-120.0
R-46	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.5-inch ACFoam II, FlintBoard ISO, ENRGY 3 or H-Shield	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board, Dens Deck or Dens Deck Prime	OB500	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-120.0
R-47	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.5-inch Structodek High Density Fiberboard	CR-20	None	N/A	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-195.0
R-48	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	CR-20	None	N/A	BP-AA, SBS-AA, SBS-TA or APP-TA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-195.0
R-49	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch Dens Deck or Dens Deck Prime	CR-20	SBS-TA	(Optional) SBS-TA	SBS-TA	-180.0
R-50	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.5-inch Structodek High Density Fiberboard or DuraBoard (homogeneous) or min. 1.5-inch FescoBoard (laminated)	CR-20	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-180.0
R-51	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	CR-20	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-225.0

TABLE 7A: RECOVER APPLICATIONS									
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
System No.	Substrate (See Notes 1 & 11)	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
		Type	Attach	Type	Attach	Base	Ply	Cap	
R-52	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	CR-20	SBS-TA or APP-TA	(Optional) SBS-TA or APP-TA	SBS-TA or APP-TA	-232.5
R-53	Existing fully bonded BUR or modified bitumen roof cover	Min. 1.0-inch ISO 95+ GL, H-Shield, H-Shield CG, ENRGY 3 or JM ISO 3 min. 1.3-inch ACFoam III, Min. 1.5-inch Multi-Max FA3 or Ultra-Max or min. 2.0-inch ACFoam IV	CR-20	Min. 0.25-inch Dens Deck	CR-20	BP-AA or SBS-AA	(Optional) BP-AA, SBS-AA, SBS-TA or APP-TA	SBS-AA, SBS-TA or APP-TA	-240.0
COLD-APPLIED SYSTEMS:									
R-54	Existing fully bonded BUR or modified bitumen roof cover	(Optional) Min. 0.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	OB500	Min. 1.5-inch ACFoam III, FlintBoard Iso Cold, H-Shield CG or FlintBoard Iso Cold _H	OB500	SBS-CA1	None	SBS-CA1	-82.5
R-55	Existing fully bonded BUR or modified bitumen roof cover	(Optional) Min. 0.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	3M CR-20	Min. 1.5-inch ACFoam III, FlintBoard Iso Cold, H-Shield CG or FlintBoard Iso Cold _H	3M CR-20	SBS-CA1	None	SBS-CA1	-82.5
R-56	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	None	N/A	SBS-CA1	None	SBS-CA1	-105.0
R-57	Existing fully bonded, smooth surface BUR or modified bitumen	Min. 0.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	A-PD, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	SBS-CA1	None	SBS-CA1	-52.5
R-58	Existing fully bonded, mineral surface BUR or modified bitumen	Min. 0.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	A-PD, 6-inch o.c.	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	A-PD, 6-inch o.c.	SBS-CA1	None	SBS-CA1	-105.0
R-59	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-PG1	None	N/A	SBS-CA1	None	SBS-CA1	-105.0
R-60	Existing fully bonded, mineral surface BUR or modified bitumen	Min. 0.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	M-OSFA, M-PG1	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	M-OSFA, M-PG1	SBS-CA1	None	SBS-CA1	-105.0
R-61	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	None	N/A	SBS-CA1	None	SBS-CA1	-105.0

TABLE 7A: RECOVER APPLICATIONS									
SYSTEM TYPE A-1: BONDED INSULATION, BONDED ROOF COVER									
System No.	Substrate (See Notes 1 & 11)	Base Insulation Layer		Top Insulation Layer		Roof Cover			MDP (psf)
		Type	Attach	Type	Attach	Base	Ply	Cap	
R-62	Existing fully bonded, mineral surface BUR or modified bitumen	Min. 0.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	OB500	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	OB500	SBS-CA1	None	SBS-CA1	-105.0
R-63	Existing fully bonded, smooth- or granule-surface BUR or modified bitumen	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3M CR-20	None	N/A	SBS-CA1	None	SBS-CA1	-105.0
R-64	Existing fully bonded, mineral surface BUR or modified bitumen	Min. 0.5-inch ACFoam II, FlintBoard ISO, H-Shield, FlintBoard ISO _H	3M CR-20	Min. 0.25-inch SECUROCK Gypsum-Fiber Roof Board	3M CR-20	SBS-CA1	None	SBS-CA1	-105.0

TABLE 7B: RECOVER APPLICATIONS – NEW CONSTRUCTION OR REROOF (TEAR-OFF)						
SYSTEM TYPE F: NON-INSULATED, BONDED ROOF COVER						
System No.	Substrate (See Notes 1 & 11)	Primer	Roof Cover			MDP (psf)
			Base	Ply	Cap	
COLD-APPLIED SYSTEMS:						
R-65	Existing fully bonded BUR over concrete deck	(Optional) FlintPrime (ASTM D41)	SBS-CA1	None	SBS-CA1	-187.5



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**CONSTRUCTION INDUSTRY LICENSING BOARD
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783**

(850) 487-1395

**LE BLANC, DALE ROGER
BRITE TOP ROOFING
POST OFFICE BOX 590325
ORLANDO FL 32859**

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION**

CCC058108 ISSUED: 06/29/2014

**CERTIFIED ROOFING CONTRACTOR
LE BLANC, DALE ROGER
BRITE TOP ROOFING**

IS CERTIFIED under the provisions of Ch 489 FS
Expiration date: AUG 31, 2016 L1406290001106

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD**

LICENSE NUMBER	
CCC058108	

The ROOFING CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2016



**LE BLANC, DALE ROGER
BRITE TOP ROOFING
P.O. BOX 590325
ORLANDO FL 32859**



ISSUED: 06/29/2014

DISPLAY AS REQUIRED BY LAW

SEQ # L1406290001106



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
4/5/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).


PRODUCER Presidential Insurance Services, LLC 2665 South Bayshore Drive #707 Miami, FL 33133	CONTACT NAME: Jeff Lampert PHONE (A/C, No, Ext): 305-423-0350 E-MAIL ADDRESS: jeff@insurancequotelive.com	FAX (A/C, No): 305-423-0351
	INSURER(S) AFFORDING COVERAGE	
INSURED DNW Corporation DBA: Brite Top Roofing PO BOX 590325 Orlando, FL 32859	INSURER A: United Specialty Insurance Company	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER		SII1041A11280-02	3/19/2016	3/19/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 1,000,000
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N/A				<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L EACH ACCIDENT \$ E.L DISEASE - EA EMPLOYEE \$ E.L DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER City of Belle Isle 1600 Nela Avenue Belle Isle, FL 32809	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
---	--

CERTIFICATE OF LIABILITY INSURANCE

Date
1/12/2016

Producer: Plymouth Insurance Agency
2739 U.S. Highway 19 N.
Holiday, FL 34691
(727) 938-5562

This Certificate is issued as a matter of information only and confers no rights upon the Certificate Holder. This Certificate does not amend, extend or alter the coverage afforded by the policies below.

Insured: South East Personnel Leasing, Inc. & Subsidiaries
2739 U.S. Highway 19 N.
Holiday, FL 34691

Insurers Affording Coverage		NAIC #
Insurer A:	Lion Insurance Company	11075
Insurer B:		
Insurer C:		
Insurer D:		
Insurer E:		

Coverages

The policies of insurance listed below have been issued to the insured named above for the policy period indicated. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions, and conditions of such policies. Aggregate limits shown may have been reduced by paid claims.

INSR LTR	ADDL INSRD	Type of Insurance	Policy Number	Policy Effective Date (MM/DD/YY)	Policy Expiration Date (MM/DD/YY)	Limits																
		GENERAL LIABILITY <input type="checkbox"/> Commercial General Liability <input type="checkbox"/> Claims Made <input type="checkbox"/> Occur <hr/> General aggregate limit applies per: <input type="checkbox"/> Policy <input type="checkbox"/> Project <input type="checkbox"/> LOC				Each Occurrence \$ Damage to rented premises (EA occurrence) \$ Med Exp \$ Personal Adv Injury \$ General Aggregate \$ Products - Comp/Op Agg \$																
		AUTOMOBILE LIABILITY <input type="checkbox"/> Any Auto <input type="checkbox"/> All Owned Autos <input type="checkbox"/> Scheduled Autos <input type="checkbox"/> Hired Autos <input type="checkbox"/> Non-Owned Autos				Combined Single Limit (EA Accident) \$ Bodily Injury (Per Person) \$ Bodily Injury (Per Accident) \$ Property Damage (Per Accident) \$																
		EXCESS/UMBRELLA LIABILITY <input type="checkbox"/> Occur <input type="checkbox"/> Claims Made Deductible				Each Occurrence \$ Aggregate \$																
A		Workers Compensation and Employers' Liability Any proprietor/partner/executive officer/member excluded? NO If Yes, describe under special provisions below	WC 71949	01/01/2016	01/01/2017	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="text-align: center;">WC Statutory Limits</td> <td style="text-align: center;">OTHE</td> <td></td> </tr> <tr> <td colspan="2">E.L. Each Accident</td> <td></td> <td style="text-align: right;">\$1,000,000</td> </tr> <tr> <td colspan="2">E.L. Disease - Ea Employee</td> <td></td> <td style="text-align: right;">\$1,000,000</td> </tr> <tr> <td colspan="2">E.L. Disease - Policy Limits</td> <td></td> <td style="text-align: right;">\$1,000,000</td> </tr> </table>	<input checked="" type="checkbox"/>	WC Statutory Limits	OTHE		E.L. Each Accident			\$1,000,000	E.L. Disease - Ea Employee			\$1,000,000	E.L. Disease - Policy Limits			\$1,000,000
<input checked="" type="checkbox"/>	WC Statutory Limits	OTHE																				
E.L. Each Accident			\$1,000,000																			
E.L. Disease - Ea Employee			\$1,000,000																			
E.L. Disease - Policy Limits			\$1,000,000																			

Other

Lion Insurance Company is A.M. Best Company rated A- (Excellent). AMB # 12616

Descriptions of Operations/Locations/Vehicles/Exclusions added by Endorsement/Special Provisions:

Client ID: 92-67-248

Coverage only applies to active employee(s) of South East Personnel Leasing, Inc. & Subsidiaries that are leased to the following "Client Company":

DNW Corporation dba Brite Top Roofing

Coverage only applies to injuries incurred by South East Personnel Leasing, Inc. & Subsidiaries active employee(s), while working in: FL.

Coverage does not apply to statutory employee(s) or independent contractor(s) of the Client Company or any other entity.

A list of the active employee(s) leased to the Client Company can be obtained by faxing a request to (727) 937-2138 or by calling (727) 938-5562.

Project Name:

ISSUE 01-12-16 (PH)

Begin Date 6/8/2015

CERTIFICATE HOLDER

CITY OF BELLE ISLE

1600 NELA AVENUE
BELLE ISLE, FL 32809

CANCELLATION

Should any of the above described policies be cancelled before the expiration date thereof, the issuing insurer will endeavor to mail 30 days written notice to the certificate holder named to the left, but failure to do so shall impose no obligation or liability of any kind upon the insurer, its agents or representatives.

John L. ...

2016
EXPIRES SEPTEMBER 30, 2016

PATSY HEFFNER, TAX COLLECTOR
OSCEOLA COUNTY, STATE OF FLORIDA
LOCAL BUSINESS TAX RECEIPT

ACCOUNT NO.
54990

BUSINESS TYPE 6420 ROOFING CONTR (DBPR/CMPCRD)

BUSINESS

Brite Top Roofing DNW Corporation
4255 Boggy Creek Rd
Kissimmee, FL 34744

PATSY HEFFNER

Tax Collector

6420-54990

014049

09/30/2015

Oper N/A

Till Intern

Paid 30.00

RENEWAL

NEW LICENSE

TRANSFER

ORIGINAL TAX

AMOUNT

PENALTY

COLLECTION COST

TOTAL

0.00

30.00

0.00

0.00

0.00

30.00

OSCEOLA COUNTY

MAILING ADDRESS

Dale LeBlanc
P O Box 590325
Orlando, FL 32859



PATSY HEFFNER, TAX COLLECTOR
P.O. BOX 422105, KISSIMMEE FL 34742-2105
407-742-4000

THIS RECEIPT IS IN ADDITION AND NOT IN LIEU OF ANY OTHER LICENSE REQUIRED BY LAW OR MUNICIPAL ORDINANCE AND IS SUBJECT TO REGULATIONS OF ZONING, HEALTH, AND ANY OTHER LAWFUL AUTHORITY.

THIS LOCAL BUSINESS TAX RECEIPT IS FURNISHED PURSUANT TO CHAPTER 205 LAWS OF FLORIDA AND OSCEOLA COUNTY ORDINANCE 95-10, AS AMENDED

The law requires this Local Business Tax Receipt to be displayed conspicuously at the place of business in such manner that it can be open to the view of the public and subject to inspection by all duly authorized officers of the County.

Pursuant to State Law, all Local Business Tax Receipts shall expire on September 30th of the succeeding year. Those Local Business Tax Receipts renewed beginning October 1st shall be delinquent and subject to a delinquency penalty of 10% for the month of October, plus an additional 5% penalty for each month of delinquency thereafter until paid; provided that the total delinquency penalty shall not exceed 25% of the Local Business Tax Receipt for the delinquent establishment. A 25% penalty shall be imposed on any person engaged in any new business, occupation or profession without first obtaining an Osceola County Local Business Tax Receipt. PLUS: if delinquent more than 150 days, subject to civil actions and penalties, and a penalty of up to \$250.

This receipt is a Local Business Tax only. It does not permit the Local Business Taxpayer to violate any existing regulatory or zoning laws of the state, county, or cities, nor does it exempt the licensee from any other license or permits that may be required by law.

This form becomes a receipt when validated by the Tax Collector. Note: Display in accordance with the county ordinance.

Local Business Tax Receipts are subject to change according to law.

Dale LeBlanc
P O Box 590325
Orlando, FL 32859