MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786)315-2590 F (786) 31525-99
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Simon Roofing and Sheet Metal Corp. dba SR Products Materials Group
70 Karago Avenue
Youngstown, OH 44512

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: SRMG Modified Bitumen Roofing Systems over Concrete Decks.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA No. 17-0206.05 and consists of pages 1 through 68.
The submitted documentation was reviewed by Alex Tigera.

ROOFING SYSTEM APPROVAL

Category:	Roofing
Sub-Category:	Modified Bitumen
Material:	SBS
Deck Type:	Concrete
Maximum Design Pressure:	-525 psf.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

Product	Dimensions	Test Specification	Product Description
Pika Ply SA Sanded	39" x 33' (1 sq.)	ASTM D6164	Self-adhered, polyester reinforced membrane with a release film on the bottom and a sanded top.
Pika Ply SS-3G	39" x 33' (1sq.)	ASTM D6163	Fiberglass reinforced modified bitumen membrane sanded on both sides. Applied in hot asphalt, cold adhesive or ribbon stripped.
Pika Ply 2.2 (FS)	39" x 49' (1.5sq.)	ASTM D6163	Glass reinforced modified bitumen membrane with a plastic burn-off film for heat weld bonding to the top side. Applied in hot asphalt, cold adhesive or ribbon stripping.
Pika Ply 180 (SF)	39" x 49' (1.5 sq.)	ASTM D6163	Glass reinforced modified bitumen membrane with a plastic burn-off film on the bottom and sanded on the top. Applied by heat welding or ribbon stripping (after removal of plastic burn-off film).
Pika Ply SS-3G (TG)	39" x 33' (1 sq.)	ASTM D6163	Fiberglass reinforced modified bitumen membrane covered on both sides with a plastic burn-off film. Applied by heat welding.
Premium Cap Sheet	39" x 33' (1 sq.)	ASTM D6163	Fiberglass reinforced modified bitumen membrane with fire retardants, sanded on the bottom and mineral granules on the top. Applied in hot asphalt, cold adhesive or ribbon stripping.
Pika Ply MS-4G(TG)	39" x 33' (1 sq.)	ASTM D6163	Fiberglass reinforced modified bitumen membrane with fire retardants a plastic burn-off film on the bottom and mineral granules on the top. Applied by heat welding.
Pika Ply SS-3P	39" x 33' (1 sq.) 39” x 26’ (¾ sq.)	ASTM D6164	Non-woven polyester reinforced modified bitumen membrane sanded on both sides. Applied in hot asphalt, cold adhesive or ribbon stripping.
Pika Ply SS-4	39" x 33' (1 sq.) 39” x 26’ (¾ sq.)	ASTM D6164	Non-woven polyester reinforced modified bitumen membrane sanded on both sides. Applied in hot asphalt, cold adhesive or ribbon stripping.
Pika Ply 180 (S)	39" x 33' (1 sq.)	ASTM D6164	Non-woven polyester reinforced modified bitumen membrane sanded on both sides. Applied in hot asphalt or cold adhesive.

Product	Dimensions	Test Specification	Product Description
Pika Ply 180 (FS)	39" x 33' (1 sq.)	ASTM D6164	Non-woven polyester reinforced modified bitumen membrane with a plastic burn-off film on the top and sanded on the bottom.
Pika Ply 180 (SF) 3.5	39” x 33’ (1 sq.)	ASTM D6164	Non-woven polyester reinforced modified bitumen membrane with a plastic burn-off film on the bottom and sanded on the top. Applied by heat welding or ribbon stripping (after removal of plastic burn-off film).
Pika Ply SS-3P (TG)	39" x 33' (1 sq.)	ASTM D6164	Non-woven polyester reinforced SBS modified bitumen membrane, both sides covered with a plastic burn-off film. Applied by heat welding or ribbon stripping (after removal of plastic burn-off film).
Pika Ply 250 S (TG)	39" x 33' (1 sq.)	ASTM D6164	Non-woven polyester reinforced SBS modified bitumen membrane, both sides covered with a plastic burn-off film. Applied by heat welding or ribbon stripping (after removal of plastic burn-off film).
Performance Ply MS FR	39" x 33' (1 sq.)	ASTM D6164	Non-woven polyester reinforced modified bitumen membrane with fire retardants a sanded bottom and a mineral granules top. Applied in hot asphalt, cold applied adhesive or ribbon stripping (after removal of plastic burn-off film).
Pika Ply MS-4	39" x 33' (1 sq.)	ASTM D6164	Non-woven polyester reinforced modified bitumen membrane with fire retardants a sanded bottom and a mineral granules top. Applied in hot asphalt, cold applied adhesive or ribbon stripping (after removal of plastic burn-off film).
Pika Ply MS-4 (TG)	39" x 33' (1 sq.)	ASTM D6164	Non-woven polyester reinforced modified bitumen membrane with fire retardants a plastic burn-off film on the bottom and mineral granules on the top. Applied by heat welding or ribbon stripping (after removal of plastic burn-off film).
Pika Ply 250 GR FR (TG)	39" x 33' (1 sq.)	ASTM D6164	Non-woven polyester reinforced modified bitumen membrane with fire retardants a plastic burn-off film on the bottom and mineral granules on the top. Applied by heat welding or ribbon stripping (after removal of plastic burn-off film).
Elastocol 500	various	ASTM D41	Asphalt primer.
SR Freedom Adhesive SF	5 gallon pail	Proprietary	Solvent free, polymeric adhesive.

APPROVED INSULATIONS:

TABLE 2

Product Name	Product Description	Manufacturer (With Current NOA)
ACFoam-II, ACFoam-III	Polyisocyanurate foam insulation	Atlas Roofing Corporation
ACFoam Composite	Composite polyisocyanurate insulation board	Atlas Roofing Corporation
ISO 95+ GL	Polyisocyanurate foam insulation	Firestone Building Products Company, LLC
EnergyGuard Polyiso Insulation	Composite polyisocyanurate insulation	GAF
DensDeck, DensDeck Prime	Water resistant gypsum board	Georgia Pacific Gypsum LLC
H-Shield, H-Shield CG	Polyisocyanurate foam insulation	Hunter Panels, LLC
ENRGY 3, ENRGY 3 25 PSI, ENRGY 3 AGF, ENRGY 3 CGF	Polyisocyanurate foam insulation	Johns Manville Corp.
Ultra-Max, Multi-Max FA-3	Polyisocyanurate foam insulation	RMax Operating, LLC
SECUROCK Gypsum-Fiber Roof Board	Gypsum board	USG Corp.
Structodek High Density Fiberboard Roof Insulation	High Density wood fiber insulation board	Blue Ridge Fiberboard, Inc.
Fesco Board	Expanded mineral fiber insulation	Johns Manville Corp.
Pika Ply Recover Board	Mineral fortified asphaltic cored coverboard	Simon Roofing & Sheet Metal Corp. dba SR Products
DEXcell FA Glass Mat Roof Board	Gypsum board	National Gypsum Company
DEXcell Cement Roof Board	Cementitious insulation board	National Gypsum Company
Insulfoam EPS	Expanded polystyrene insulation	Insulfoam, a div. of Carlisle Const. Mat., LLC.

APPROVED FASTENERS/ADHESIVES:

Table 3

Fastener Number	Product Name	Product Description	Dimensions	Manufacturer (With Current NOA)
1.	Dekfast DF-#12-PH3, DF-#14-PH3 & DF-#15-PH3	Insulation fastener		SFS Group USA, Inc.
2.	Dekfast PLT-H-2-7/8	Galvalume AZ50 steel plate	2 7/8" x 3 ¼"	SFS Group USA, Inc.
3.	Dekfast PLT-P-R-3	Polypropylene locking plate.	3" x 3 ¼"	SFS Group USA, Inc.
4.	AccuTrac Hextra	Insulation fastener for wood and steel.		OMG, Inc.
5.	OMG 3" Galvalume Steel Plate	Galvalume stress plate.	3" diameter	OMG, Inc.
6.	OMG Flat Bottom Metal Plate	Galvalume stress plate.	3" square	OMG, Inc.
7.	#12 Standard Roofgrip, #14 Roofgrip & #15 Roofgrip	Insulation fastener.		OMG, Inc.
8.	CD-10	Insulation fastener.		OMG, Inc.
9.	Fluted Nail	Insulation fastener.		OMG, Inc.
10.	3 in. Round Metal Plate	Galvalume AZ50 steel plate	3" diameter	OMG, Inc.
11.	OMG Plastic Plate	Polypropylene stress plate	3.25" diameter	OMG, Inc.
12.	Trufast #14 HD Fastener	Insulation fastener for wood, steel and concrete.		Altenloh, Brinck & Co. U.S., Inc.
13.	Trufast #15 EHD Fastener	Insulation fastener for wood, steel and concrete.		Altenloh, Brinck & Co. U.S., Inc.
14.	Trufast 3" Metal Insulation Plate	Galvalume AZ50 steel plate	3" diameter	Altenloh, Brinck & Co. U.S., Inc.
15.	OMG Polymer Batten Strip	Modified polymer batten bar		OMG, Inc.
16.	Dekfast PLT-R-3	Galvalume AZ50 steel plate	3" diameter	SFS Group USA, Inc.
17.	Trufast Flat Batten Bar	Galvalume AZ55 steel batten bar		Altenloh, Brinck & Co. U.S., Inc.
18.	Trufast Recessed Batten Bar	Galvalume AZ55 steel batten bar with recessed holes		Altenloh, Brinck & Co. U.S., Inc.
19.	#15 Roofgrip Large Head	Carbon steel fasteners used in steel, wood and concrete decks	Various	OMG, Inc.
20.	Dekfast Galvalume Steel Round 2-3/8" 20 ga. Barbed Plate	Galvalume AZ55 steel barbed plate	2-3/8" diameter	SFS Group USA, Inc.

APPROVED FASTENERS/ADHESIVES:

Table 3

Fastener Number	Product Name	Product Description	Dimensions	Manufacturer (With Current NOA)
21.	Trufast 2" Barbed Metal Seam Plate	Galvalume steel barbed plate	2" diameter	Altenloh, Brinck & Co. U.S., Inc.
22.	Trufast 2.4" Barbed Metal Seam Plate	Galvalume steel barbed plate	2.4" diameter	Altenloh, Brinck & Co. U.S., Inc.
23.	Dekfast PLT-R-2-4B	Galvalume AZ55 steel plate	2" diameter	SFS Group USA, Inc.
24.	Trufast 3" Recessed Metal Insulation Plate	Galvalume AZ50 steel plate	3" diameter	Altenloh, Brinck & Co. U.S., Inc.
25.	OMG Heavy Duty	Fasteners for membrane or insulation attachment to wood, steel or concrete decks.	Various	OMG, Inc.
26.	OMG 2-3/8" Barbed XHD Plates	Galvanized steel stress plate	2-3/8" round	OMG, Inc.
27.	Trufast 2.4" Scoop Seam Plate	Galvalume steel stress plate	2.4" Round	Altenloh, Brinck & Co. U.S., Inc.
28.	Soprema 2.4" Seam Plates	Galvalume steel stress plate	2.4" Round	SOPREMA, Inc.
29.	Millennium One Step Foamable Adhesive	Polyurethane two component high rise insulation adhesive		H.B. Fuller Company
30.	Millennium One Step Green Foamable Adhesive	Polyurethane two component high rise insulation adhesive		H.B. Fuller Company
31.	Millennium PG-1 Low Viscosity Insulation Adhesive	Polyurethane two component high rise insulation adhesive		H.B. Fuller Company
32.	ICP Adhesives CR-20	Polyurethane two component low rise insulation adhesive		ICP Adhesives and Sealants, Inc.
33.	Insta-Stik Quik Set Insulation Adhesive	Polyurethane one component moisture curing adhesive		DuPont de Nemours, Inc.
34.	OlyBond 500	Polyurethane two component low rise insulation adhesive		OMG, Inc.
35.	Duotack	Two part elastomeric urethane foam adhesive.		SOPREMA, Inc
36.	Duotack Neo	Two part polyurethane foam adhesive.		SOPREMA, Inc

APPROVED SURFACING/COATING OPTIONS:

TABLE 4

Chosen components must be applied according to manufacturer's application instructions. Any coating, listed below, used as a surfacing, must be listed within a current NOA.

System Number	Manufacturer	Application
1.	Generic	Flood coat and gravel/slag with an application rate of 60 lbs./sq. & 400 lbs./sq., respectively.
2.	Simon Roofing Products	Gravel applied at 400 lbs./sq., adhered with SR Freedom Adhesive SF at 4 gal./sq.
3.	Karnak Corporation	Karnak (#97 AF) Fibrated Aluminum Roof Coating applied at an application rate of 1.5 gal./sq.
4.	SOPREMA, Inc.	Cural Aluminizer applied at an application rate of 2 gal./sq.
5.	Thermo Manufacturing Systems, LLC	Super Prep Elastomeric Roof Maintenance Coating applied in two coats at an application rate of 1.5 gal./sq./coat.
6.	Quest Construction Products LLC dba United Coatings	United Coatings Roof Mate Coating, applied in one base coat at a rate of 1.5 gal./sq., and one finish coat at a rate of 1.5 gal./sq.
7.	Insulating Coatings Corporation	Astec 2000 Finish Coat applied in two base coats at a rate of 0.75 gal./sq./coat and two finish coats at a rate of 0.75 gal./sq./coat.
8.	Henry Company	HE280DC White Elastomeric Roof Coating applied in two coats at an application rate of 1 gal./sq./coat.
9.	National Coating Corp.	Acryshield® A500 applied in two coats at an application rate of 1 gal./sq./coat.
10.	SOPREMA, Inc.	R Nova Plus applied in two coats. Base coat is applied at 3 gal/sq. (1.2 L/m^2) and allowed to dry. A top coat is applied at 1 gal/sq. (0.4 L/m^2).
11.	Generic	Semi-ceramic coated colored granules.

EVIDENCE SUBMITTED:

Test Agency/Identifier	Report	Name	Date
Florida Testing Engineering & Consulting Inc.	TAS 114-D	GL0904-02	05/01/09
	TAS 114-D	GL0409-03	05/01/09
FM Approvals	1W8A1.AM	FM 4470	07/15/93
	1Z3A6.AM	FM 4470	04/27/95
	3000507	FM 4450	02/16/00
	3009610	FM 4450	10/22/01
	3008869	FM 4470	03/19/01
	3002351	FM 4470	02/28/03
	3017614	FM 4470	02/27/06
	3025860	FM 4470	04/17/06
	3029098	FM 4470	10/25/07
	3032109	FM 4470	07/21/08
	3026128	FM 4470	08/04/06
	3024311	FM 4470	11/01/06
	3036182	FM 4470	07/31/09
	3014751	FM 4470	08/27/03
	3023458	FM 4470	07/18/06
	3023749	FM 4470	09/28/06
	3031818	FM 4470	02/20/09
	3X3A7.AM	FM 4470	09/08/94
	3045101	FM 4470	11/05/12
	3037437	FM 4470	11/09/09
	3008441	FM 4470	10/17/00
	3044630	FM 4470	02/10/12
	3042559	FM4470	10/18/11
	3047439	FM 4470	07/22/13
	3045734	FM 4470	04/04/12
	3046765	FM 4470	02/15/13
	3047351	FM 4470	10/09/14
	3051408	FM 4470	08/13/14
	3054633	FM 4470	12/18/15
	RR203650	FM 4470	12/18/15
	3044801	FM 4470	02/27/12
	3053841	FM 4470	03/27/15
	3051109	FM 4470	05/11/15
	3053475	FM 4470	02/11/16
	RR203157	FM 4470	11/06/15
	RR201595	FM 4470	06/17/15
	RR203472	FM 4470	02/05/16
UL LLC	R11436	UL 790	01/15/21
Dynatech Engineering Corp.	10.94.27	TAS 114	10/27/94
	2491-04.95	TAS 114	01/04/95

EVIDENCE SUBMITTED: (CONTINUED)

Test Agency/Identifier	Report	Name	Date
Exterior Research & Design, LLC	2003.02.97-1	TAS 114	02/15/97
	2003-2.04.97-1	TAS 114	04/15/97
	2002.07.97-1	TAS 114	08/15/97
	2755.09.02	TAS 114	10/19/02
	2760.01.05-3	TAS 114	02/22/05
	2761.09.03	TAS 114	09/02/03
	2777.09.05-R2	TAS 114	05/24/02
Trinity | ERD	2774.04.05-R1	TAS 114	04/18/07
	S12370.03.09-1	ASTM D6164	03/06/09
	S12370.03.09-2	ASTM D6164	03/06/09
	S12370.03.09-3	ASTM D6162	03/06/09
	C8500SC.11.07-R1	TAS 117(B) ASTM D6862	08/07/09
	S11440.06.10	ASTM D4798 TAS 110	06/01/10
	S32840.06.10-R1	TAS 117 (B)	12/11/14
	S11440.01.11-R1	ASTM D6164	06/07/12
	S11440.11.10-4	ASTM D2178	11/17/10
	S11440.12.10-1-R1	ASTM D6163	06/07/12
	S43210.11.14	ASTM D1876	11/10/14
	S45520.11.13-R2	Physical Properties	03/26/14
	S39500.12.12-R1	Physical Properties	12/27/12
	S39320.01.12-R1	FM 4474 & TAS 114	05/24/12
	S47170.11.14	FM 4474 & TAS 114	11/10/14
	S32700.12.10-R2	ASTM D6162	07/07/14
	S35860.12.11-1-R1	ASTM D2178	12/12/14
	S35860.12.11-2	ASTM D4601	12/12/11
	S35860.05.12-1-R2	ASTM D6163	02/14/13
	S35860.05.12-2-R3	ASTM D6164	08/28/14
	S35860.05.12-3	ASTM D6164	05/08/12
	S35860.09.12-R2	ASTM D6163	12/12/14
	S14000.08.09-R2	TAS 114	10/09/09
	S39970.07.12-2	ASTM D6164	07/12/12
	S39970.07.12-R1	ASTM D6162	12/12/14
	S39970.07.12-1B-R1	ASTM D6162	12/12/14
	S47160.01.14-R1	FM 4470 & TAS 114 (H)	12/11/14
	S45010.02.14	ASTM D6506	02/07/14
	S43400.08.14-6	ASTM D6164	08/26/14
	S43400.08.14-7-R1	ASTM D6164	11/20/14
	S43400.09.14-9	ASTM D6164	09/02/14
	S43400.09.14-10	ASTM D6298	09/08/14
	S45010.02.14	ASTM D6506	02/07/14
	S43400.08.14-4-R1	ASTM D6163	10/24/14
	S44110.09.14-3	ASTM D6163	09/08/14

EVIDENCE SUBMITTED: (CONTINUED)

Test Agency/Identifier	Report	Name	Date
Trinity | ERD	S44110.09.14-7C	ASTM D6164	09/02/14
	S44220.09.14-1	ASTM D6162	09/08/14
	S44220.09.14-7A	ASTM D4601	09/08/14
	S11440.11.10-3-R2	ASTM D4601/TAS 117(B)	08/26/14
	S39500.02.12	Physical Properties	02/23/12
	S43400.08.14-5-R1	ASTM D6163	05/03/17
PRI Construction Materials Technologies, LLC	SOP-049-02-01	ASTM D1644 / D2196	05/31/12
	SOP-043-02-01	ASTM D4601	02/27/12
	SOP-042-02-01	ASTM D4601	02/27/12
	SOP-041-02-01	ASTM D2178	02/27/12
	SOP-040-02-01	ASTM D2178	02/27/12
	SOP-010-02-01.03	TAS-138	07/26/11
	SOP-050-02-01	ASTM D3019	07/12/12
	SOP-056-02-01	Various	09/12/12

APPROVED ASSEMBLIES:

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank
System Type A(1): One or more layers of insulation adhered with approved adhesive onto vapor barrier adhered onto concrete deck.
All General and System Limitations apply.
Vapor Barrier: Two plies of Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P or Pika Ply SS-4 fully adhered in SR Freedom Adhesive SF applied at a rate of 1.5 gal/sq.
(Meets Maximum Design Pressure of –270 psf. See General Limitation #9)

One or more layers of any of the following insulations.

Base Insulation Layer (Optional)	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
H-Shield, H-Shield CG, ACFoam-II, ACFoam-III, Multi-Max FA-3, Ultra-Max, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, EnergyGuard POLYISO Insulation Minimum 1.5" thick (flat or tapered)	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
SECUROCK Gypsum-Fiber Roof Board Minimum ¼" thick	**N/A**	**N/A**

Note: Top layer of insulation shall be adhered with Duotack or Duotack Neo applied in ½" to ¾" wide ribbons spaced 12" o.c. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as the base layer shall only be used as the base layer with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.

Base Sheet: One layer of Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)* or Pika Ply SS-4 adhered in hot asphalt at 25 lbs./sq. or applied in SR Freedom Adhesive SF, applied at a rate of 1.5 – 2 gal./sq.

Or

One layer of Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, torch-applied.

*Requires torch-applied ply or cap membrane

Ply Sheet: (Optional) One layer of Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)* or Pika Ply SS-4 adhered in hot asphalt at 25 lbs./sq. or applied in SR Freedom Adhesive SF, applied at a rate of 1.5 – 2 gal./sq.

Or

One layer of Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, Pika Ply SS-3P (TG)*, torch-applied.

Or

One layer of Pika Ply SA Sanded, self-adhered.
*Requires torch-applied ply or cap membrane

Membrane:	Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied. Or Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. or in SR Freedom Adhesive SF at 1.5-2.5 gal./sq. to sand surfaced membrane.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	See Vapor Barrier Options Above.

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(2): One or more layers of insulation adhered with approved adhesive onto vapor barrier adhered onto concrete deck.

All General and System Limitations apply.

Vapor Barrier: Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P or Pika Ply SS-4 fully adhered in SR Freedom Adhesive SF applied at a rate of 1.5 gal/sq. over concrete deck primed with asphaltic primer at 0.75 gal/sq.
(Meets Maximum Design Pressure of –270 psf. See General Limitation #9)

One or more layers of any of the following insulations.

Base Insulation Layer (Optional)	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
H-Shield, H-Shield CG, ACFoam-II, ACFoam-III, Multi-Max FA-3, Ultra-Max, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, EnergyGuard POLYISO Insulation Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
Pika Ply Recover Board Minimum 1/8" thick	**N/A**	**N/A**
DEXcell FA Glass Mat Roof Board, DensDeck, SECUROCK Gypsum-Fiber Roof Board Minimum 1/4" thick	**N/A**	**N/A**
DEXcell Cement Roof Board Minimum 7/16" thick	**N/A**	**N/A**

Note: All insulations shall be adhered to the vapor barrier with Duotack or Duotack Neo applied in ½" to ¾" wide ribbons spaced maximum 12" o.c. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: One or two plies of Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)* or Pika Ply SS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-25 lbs./sq. or in SR Freedom Adhesive SF at 1.5-2.5 gal./sq.

Or

One layer of Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, torch-applied.

Or

One layer of Pika Ply SA Sanded, self-adhered.
*Requires torch-applied ply or cap membrane.

Ply Sheet: (Optional)	One layer of Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)* or Pika Ply SS-4 adhered in hot asphalt at 25 lbs./sq. or in SR Freedom Adhesive SF at 1.5-2.5 gal./sq. Or One layer of Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, torch-applied. Or One layer of Pika Ply SA Sanded, self-adhered. *Requires torch-applied cap membrane.
Membrane:	Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied. Or Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. or in SR Freedom Adhesive SF at 1.5-2.5 gal./sq. to sand surfaced membrane.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	See Vapor Barrier Options Above.

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(3): One or more layers of insulation adhered with approved adhesive or asphalt.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, ACFoam-III, ENRGY 3, H-Shield Minimum 1.5" thick	**N/A**	**N/A**
Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Structodek High Density Fiberboard Roof Insulation Minimum ½" thick	**N/A**	**N/A**
Pika Ply Recover Board Minimum 1/8" thick	**N/A**	**N/A**

Note: Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to application of insulation. All insulation shall be adhered to the primed deck in full moppings of approved hot asphalt within the EVT range and at a rate of 20-40 lbs./100 ft^2 Duotack, Duotack Neo, Millennium One Step Foamable Adhesive, Millennium One Step Green Foamable Adhesive or Millennium PG-1 Low Viscosity Insulation Adhesive applied in continuous ¾" to 1" wide ribbons at a maximum spacing of 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels may be used as a top layer placed with the polyisocyanurate side facing down.

Ply Sheet: One or more layers of Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, Pika Ply 180 (SF) 3.5, torch-applied (not permitted as first layer on wood fiber)
Or
One or more layers of Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply 2.2 (FS)*, Pika Ply 180 (FS)*, Pika Ply SS-3P, Pika Ply SS-4 or one or more plies of Type IV or Type VI ply sheets adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.
*Requires torch-applied cap membrane.

Membrane: Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Or

Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. to sand surfaced ply membrane.

Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-105 psf. (using Structodek High Density Fiberboard Roof Insulation) (See General Limitation #9.) -127.5 psf. (using Pika Ply Recover Board) (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(4): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer (Optional)	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, ACFoam-III, ENRGY 3, H-Shield Minimum 1.4" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Structodek High Density Fiberboard Roof Insulation Minimum ½" thick	**N/A**	**N/A**
Pika Ply Recover Board Minimum 1/8" thick	**N/A**	**N/A**

Note: All insulation shall be adhered to the deck with Duotack, Duotack Neo, Millennium One Step Foamable Adhesive, Millennium One Step Green Foamable Adhesive or Millennium PG-1 Low Viscosity Insulation Adhesive applied in continuous ¾" wide ribbons at a maximum spacing of 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Primer: (Optional) Elastocol 500, applied at a rate of 1 gal./sq., to top surface of any insulation, base or ply sheet prior to application of next layer

Ply Sheet: Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply SS-3P (TG)*, Pika Ply 180 (SF) 3.5, or Pika Ply 250 S (TG)*, torch-applied. (not permitted as first layer on wood fiberboard)

Membrane: Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications.
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -105 psf. (using Structodek High Density Fiberboard Roof Insulation) (See General Limitation #9.)
-127.5 psf. (using Pika Ply Recover Board) (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(5): One or more layers of insulation adhered with approved adhesive onto vapor barrier adhered onto concrete deck.

All General and System Limitations apply.

Vapor Barrier

One or two layers of Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P or Pika Ply SS-4 fully adhered in SR Freedom Adhesive SF applied at a rate of 1.5 gal/sq.
(Meets Maximum Design Pressure of –270 psf. See General Limitation #9)

Or

One or two layers of Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, adhered in hot asphalt at 25 lbs./sq. over concrete deck primed with asphaltic primer at 0.75 gal/sq.
(Meets Maximum Design Pressure of –270 psf. See General Limitation #9)

One or more layers of any of the following insulations.

Base Insulation Layer (Optional)	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
H-Shield, Multi-Max FA-3, Ultra-Max, ENRGY 3, H-Shield CG, ACFoam-II, ACFoam-III, ENRGY 3 AGF, ENRGY 3 CGF, EnergyGuard Polyiso Insulation		
Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Pika Ply Recover Board		
Minimum 1/8" thick	**N/A**	**N/A**

Note: All insulation shall be adhered to the vapor barrier in Duotack or Duotack Neo in ½" to ¾" wide ribbons spaced 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as a final membrane substrate.

Base Sheet: One or two plies of Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)* or Pika Ply SS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. or in COLPLY Adhesive or COLPLY EF Adhesive at 1.5 – 2.0 gallons / square.

Or

One layer of Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, Pika Ply SS-3P (TG), Pika Ply 250 S (TG)*, torch-applied.

*Requires torch-applied ply or cap membrane.

Ply Sheet: (Optional)	One layer of Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)* or Pika Ply SS-4 adhered in hot asphalt at 25 lbs./sq. or applied in SR Freedom Adhesive SF, applied at a rate of 1.5 – 2 gal./sq. Or One layer of Pika Ply SS-3G (TG) *, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, torch-applied. Or One layer of Pika Ply SA Sanded, self-adhered. *Requires torch-applied ply or cap membrane*Requires torch-applied cap membrane.
Membrane:	Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied. Or Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. or in SR Freedom Adhesive SF at 1.5-2.5 gal./sq. to sand surfaced membrane.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	See Vapor Barrier Options Above.

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Min. 2500 psi structural concrete or concrete plank

System Type A(6): One or more layers of insulation adhered with approved adhesive

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, H-Shield, ENRGY 3, Ultra-Max Minimum 1.5" thick	**N/A**	**N/A**
Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
DensDeck Prime Minimum 0.25" thick	**N/A**	**N/A**

Note: All insulation shall be adhered to the deck with 0.75" wide beads of Duotack, Duotack Neo, Millennium One Step Foamable Adhesive, Millennium One Step Green Foamable Adhesive or Millennium PG-1 Low Viscosity Insulation Adhesive spaced maximum 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: (Optional) One or more layers of Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, fully adhered in SR Freedom Adhesive SF at 1.5 – 2.0 gallon / square.

Ply Sheet: (Optional) **(Required if no Base Sheet used)** One or more layers Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, fully adhered in SR Freedom Adhesive SF, at 1.5 – 2.0 gallon / square.

Membrane: Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, fully adhered in SR Freedom Adhesive SF, at 1.5 – 2.0 gallon / square.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system

Maximum Design Pressure: -135 psf. (See General Limitation #9)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Min. 2500 psi structural concrete or concrete plank

System Type A(7): One or more layers of insulation adhered with approved adhesive

All General and System Limitations apply.

Vapor Barrier: (Optional) Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torched applied to ASTM D 41 primed concrete deck.

One or more layers of any of the following insulations.

Base Insulation Layer (Optional):	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
H-Shield, ACFoam-IIISO 95+ GL, Multi-Max FA-3, ENRGY 3 Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board Minimum ¼" thick	**N/A**	**N/A**

Note: All insulation shall be adhered to the vapor barrier or deck in Duotack or Duotack Neo applied in continuous ½" wide ribbons maximum spacing of 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)*, Pika Ply SS-4 adhered in SR Freedom Adhesive SF at a rate of 1.5 gal./sq. or adhered in hot asphalt at 25 lbs./sq.

Or

Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, torch-applied.

Membrane: Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in SR Freedom Adhesive SF at a rate of 1.5 gal./sq. or adhered in hot asphalt at 25 lbs./sq.

Or

Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications.
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -150 psf. with DensDeck Prime (See General Limitation #9.)
-337.5 psf. with SECUROCK (See General Limitation #9.)

Membrane Type:	SBS
Deck Type 3I:	Concrete Decks, Insulated
Deck Description:	2500 psi structural concrete or concrete plank
System Type A(8):	One or more layers of insulation adhered with approved adhesive
Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.
Primer:	Substrate primed with approved ASTM D41 primer
Vapor Barrier (Optional):	One layer of Pika Ply 180 (SF), torch-applied. Or One layer of Pika Ply SS-3G, Pika Ply 180 (S)Pika Ply SS-3P, Pika Ply SS-4, adhered in hot asphalt at 25 lbs./sq.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Insulfoam EPS **Minimum 1.5" thick**	**N/A**	**N/A**
Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Pika Ply Recover Board **Minimum 1/4" thick**	**N/A**	**N/A**

Note: Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to application of vapor barrier or insulation. All insulation shall be adhered to the vapor barrier or primed deck in full mopping of approved hot asphalt within the EVT range and at a rate of 20-40 lbs./10ft^2 or Duotack, Duotack Neo, Millennium One Step Foamable Adhesive, Millennium One Step Green Foamable Adhesive or Millennium PG-1 Low Viscosity Insulation Adhesive in ¾" ribbons spaced 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels may be used as a top layer placed with the polyisocyanurate side facing down.

Primer: (Optional)	Elastocol 500, applied at a rate of 1 gal./sq., to top surface of any insulation, base or ply sheet prior to application of next layer

Base Sheet:	One layer of Pika Ply SS-3G (TG) *, Pika Ply 180 (SF), Pika Ply SS-3P (TG)*, Pika Ply 180 (SF) 3.5, Pika Ply 250 S (TG)*, , torch-applied. Or Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)*, Pika Ply SS-4, adhered in hot asphalt at 25 lbs./sq. *Requires torch-applied ply or cap membrane.
Ply Sheet: (Optional)	One or more layers of Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply SS-3P (TG)*, Pika Ply 180 (SF) 3.5, Pika Ply 250 S (TG)*,, torch-applied. Or Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)*, Pika Ply SS-4, adhered in hot asphalt at 25 lbs./sq. to sand surfaced base membrane. *Requires torch-applied cap membrane.
Membrane:	Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG),, torch-applied. Or Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in hot asphalt at 25 lbs./sq. to sand surfaced base or ply membrane.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-144.3 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(9): One or more layers of insulation adhered with approved adhesive

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Insulfoam EPS Minimum 1.5" thick	**N/A**	**N/A**
Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Pika Ply Recover Board Minimum 1/8" thick	**N/A**	**N/A**
SECUROCK Gypsum-Fiber Roof Board Minimum 1/4" thick	**N/A**	**N/A**

Note: All insulation shall be adhered to the deck Duotack, Duotack Neo, Millennium One Step Foamable Adhesive, Millennium One Step Green Foamable Adhesive or Millennium PG-1 Low Viscosity Insulation Adhesive applied in continuous ½" – ¾" wide ribbons at a maximum spacing of 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Primer: (Optional) Elastocol 500, applied at a rate of 1 gal./sq., to top surface of base or ply sheet prior to application of next layer.

Base Sheet: One layer of Pika Ply SA Sanded, self-adhered.
Or
One layer of Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply SS-3P (TG)*, Pika Ply 180 (SF) 3.5, Pika Ply 250 S (TG)*, torch-applied.
Or
One layer of Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)*, Pika Ply SS-4, adhered in hot asphalt at 25 lbs./sq.
*Requires torch-applied ply or cap membrane.

Ply Sheet: (Optional) Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply SS-3P (TG)*, Pika Ply 180 (SF) 3.5, Pika Ply 250 S (TG)*, torch-applied.

Or

Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)*, Pika Ply SS-4, adhered in hot asphalt at 25 lbs./sq.
*Requires torch-applied cap membrane.

Membrane:	Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied. Or Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in hot asphalt at 25 lbs./sq.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-144.3 psf. (See Gedneral Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Min. 2500 psi structural concrete or concrete plank

System Type A(10): One or more layers of insulation adhered with approved adhesive

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, ACFoam-III, EnergyGuard Polyiso Insulation, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield CG, Multi-Max FA-3, H-Shield, ENRGY 3 Minimum 2" thick	**N/A**	**N/A**
ISO 95+ GL (Only with Hot Asphalt, Insta-Stik or HVIA Adhesives) Minimum 2" thick		

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
SECUROCK Gypsum-Fiber Roof Board Minimum 0.25" thick	**N/A**	**N/A**
Pika Ply Recover Board Minimum 1/8" thick	**N/A**	**N/A**

Note: All insulations shall be adhered to the deck with full mopping of approved hot asphalt within the EVT range and at a rate of 20-40 lbs./100 ft^2 or Insta-Stik Quik Set Insulation Adhesive, OlyBond 500, ICP Adhesives CR-20 or Millennium One Step Foamable Adhesive or Duotack, Duotack Neo, Millennium One Step Foamable Adhesive, Millennium One Step Green Foamable Adhesive or Millennium PG-1 Low Viscosity Insulation adhesive applied in continuous ¾" wide ribbons at a maximum spacing of 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Primer (Optional): ASTM D41 or Elastocol 500 applied at 0.75 gal./sq.

Base Sheet: One layer of Pika Ply SA Sanded, self-adhered.
*Requires torch-applied ply or cap.

Membrane:	Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied. Or Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in hot asphalt at 25 lbs./sq.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-172.5 psf. (See General Limitation #9)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Min. 2500 psi structural concrete or concrete plank

System Type A(11): One or more layers of insulation adhered with approved adhesive

All General and System Limitations apply.

Vapor Barrier: One or two plies of Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torched applied to ASTM D 41 primed concrete deck.

One or more layers of any of the following insulations.

Base Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft^2
ACFoam-II, ACFoam-III, H-Shield, ENRGY 3, ISO 95+ GL, Multi-Max FA-3		
Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft^2
SECUROCK Gypsum-Fiber Roof Board, DensDeck, DensDeck Prime		
Minimum 0.25" thick	**N/A**	**N/A**

Note: All insulation shall be adhered in Duotack, Duotack Neo, Millennium One Step Foamable Adhesive, Millennium One Step Green Foamable Adhesive, Millennium PG-1 Low Viscosity Insulation Adhesive or OlyBond 500 applied in ½" to ¾" wide ribbons spaced 3" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G (TG), Pika Ply 180 (SF), Pika Ply SS-3P (TG), Pika Ply 180 (SF) 3.5, Pika Ply 250 S (TG) torch-applied.

Ply Sheet (Optional): Pika Ply SS-3G (TG), Pika Ply 180 (SF), Pika Ply SS-3P (TG), Pika Ply 180 (SF) 3.5, Pika Ply 250 S (TG), torch-applied.

Membrane: Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torched-applied.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications.
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -187.5 psf. (See General Limitation #9.)

Membrane Type: SBS
Deck Type 3I: Concrete Decks, Insulated
Deck Description: 2500 psi structural concrete or concrete plank
System Type A(12) One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.
Primer: Substrate primed with approved ASTM D41 primer.
One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam II, ENRGY 3, H-Shield, or Multi-Max FA3		
Minimum 1.5" thick	**N/A**	**N/A**
Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
DensDeck		
Minimum 0.25" thick	**N/A**	**N/A**

Note: All insulations shall be adhered with hot asphalt at 25 lbs./sq. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), torch-applied.

Ply Sheet: (Optional) Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), torch-applied.

Membrane: Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -187.5 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(13): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam II, ACFoam III, EnergyGuard POLYISO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA-3		
Minimum 1.5" thick	**N/A**	**N/A**
Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft2**
DensDeck		
Minimum 0.25" thick	**N/A**	**N/A**

Note: All insulations shall be adhered with Duotack or Duotack Neo applied in continuous ribbons maximum spacing of 12" o.c. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), torch-applied.

Ply Sheet: (Optional) Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), torch-applied.

Membrane: Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -187.5 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(14): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, EnergyGuard POLYISO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA-3		
Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
DensDeck		
Minimum 0.25" thick	**N/A**	**N/A**

Note: All insulations shall be adhered with Millennium One Step Foamable Adhesive, Millennium One Step Green Foamable Adhesive or Millennium PG-1 Low Viscosity Insulation Adhesive applied in continuous ribbons maximum spacing of 12" o.c. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), torch-applied.

Ply Sheet: (Optional) Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), torch-applied.

Membrane: Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -187.5 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(15): One or more layers of insulation adhered with approved adhesive or asphalt.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Approved EPS listed in Table 1 Minimum 1.5" thick	**N/A**	**N/A**
Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
DensDeck Prime Minimum ½" thick	**N/A**	**N/A**

Note: All insulation shall be adhered to the primed deck in full moppings of approved hot asphalt within the EVT range and at a rate of 20-40 lbs./100 ft^2 or Duotack, Duotack Neo, Millennium One Step Foamable Adhesive, Millennium One Step Green Foamable Adhesive or Millennium PG-1 Low Viscosity Insulation Adhesive applied in continuous ¾" to 1" wide ribbons at a maximum spacing of 12" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels may be used as a top layer placed with the polyisocyanurate side facing down.

Base / Ply Sheet: One layer of Pika Ply SS-3G (TG) 3.0*, Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, torch-applied.

Or

Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)*, Pika Ply SS-4 adhered in SR Freedom Adhesive SF at a rate of 1.5 gal./sq. or adhered in hot asphalt at 25 lbs./sq.

*Requires torch-applied Cap sheet.

Membrane: Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied with minimum 3" wide lap.

Or

Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in SR Freedom Adhesive SF at a rate of 1.5 gal./sq. or adhered in hot asphalt at 25 lbs./sq.

Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-195 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(16): One or more layers of insulation adhered with approved adhesive onto vapor barrier adhered onto concrete deck.

All General and System Limitations apply.

Vapor Barrier: One layer of Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied over an optional layer of Pika Ply SS-3G (TG), Pika Ply 180 (SF), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), Pika Ply 180 (SF) 3.5 or torch-applied over concrete deck primed with asphaltic primer at 0.75 gal/sq.

Or

One layer of Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered over an optional layer of Pika Ply SS-3G, Pika Ply 2.2 (FS), Pika Ply 180 (S), Pika Ply 180 (FS), Pika Ply SS-3P, Pika Ply SS-4 adhered in SR Freedom Adhesive SF at 1.5 – 2.0 gal/sq. over unprimed concrete deck or adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. over concrete deck primed with asphaltic primer at 0.75 gal/sq.

One or more layers of any of the following insulations.

Base Insulation Layer (Optional)	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
H-Shield, M-Shield, Sopra-ISO r, Multi-Max FA-3, Ultra-Max, Sopra-ISO x, ENRGY 3, H-Shield CG, Sopra-ISO+ r, M-Shield CG, ACFoam-II, ACFoam-III, Sopra-ISO s, Sopra-ISO+ s, ENRGY 3 AGF, ENRGY 3 CGF, EnergyGuard Polyiso Insulation		
Minimum 1.5” thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Pika Ply Recover Board		
Minimum 1/8” thick	**N/A**	**N/A**

Note: All insulation shall be adhered to the vapor barrier in Duotack or Duotack Neo in ½” to ¾” wide ribbons spaced 12” o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as a final membrane substrate.

Base Sheet: One layer of Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)* or Pika Ply SS-4 adhered in hot asphalt at 25 lbs./sq. or applied in SR Freedom Adhesive SF, applied at a rate of 1.5 – 2 gal./sq.

Or

One layer of Pika Ply SS-3G (TG) *, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, torch-applied.

Or

One layer of Pika Ply SA Sanded, self-adhered.
*Requires torch-applied ply or cap membrane

Ply Sheet: (Optional)	One layer of Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)* or Pika Ply SS-4 adhered in hot asphalt at 25 lbs./sq. or applied in SR Freedom Adhesive SF, applied at a rate of 1.5 – 2 gal./sq. Or One layer of Pika Ply SS-3G (TG) *, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, torch-applied. Or One layer of Pika Ply SA Sanded, self-adhered. *Requires torch-applied cap membrane.
Membrane:	Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied. Or Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. or in SR Freedom Adhesive SF at 1.5-2.5 gal./sq. to sand surfaced
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-195 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Min. 2500 psi structural concrete or concrete plank

System Type A(17): One or more layers of insulation adhered with approved adhesive

All General and System Limitations apply.

Primer: Substrate primed with approved ASTM D41 primer.

Dry In Sheet: One layer of Pika Ply SS-3P, Pika Ply SS-4, adhered in hot asphalt at 20-25 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, H-Shield		
Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Pika Ply Recover Board		
Minimum 1/8" thick	**N/A**	**N/A**

Note: Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to application of dry in sheet. All insulation shall be adhered to the dry in sheet in full mopping of approved hot asphalt within the EVT range and at a rate of 20-40 lbs./100 ft2. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels may be used as a top layer placed with the polyisocyanurate side facing down.

Base Sheet: (Optional) One or more layers Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, adhered in hot asphalt at 25 lbs./sq.

Ply Sheet: (Optional) **(Required if no Base Sheet used)** One or more layers Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4,, adhered in hot asphalt at 25 lbs./sq.

Membrane: Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in SR Freedom Adhesive SF adhered in hot asphalt at 25 lbs./sq. to sand surfaced base or ply membrane.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system

Maximum Design Pressure: -210 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Min. 2500 psi structural concrete or concrete plank

System Type A(18): One or more layers of insulation adhered with approved adhesive

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
ACFoam-II, ACFoam-III, H-Shield, ENRGY 3, ISO 95+ GL, Multi-Max FA-3 Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft²**
Pika Ply Recover Board Minimum 1/8" thick	**N/A**	**N/A**

Note: All insulation shall be adhered in with hot asphalt at 25 lbs./sq. or Duotack, Duotack Neo, Millennium One Step Foamable Adhesive, Millennium One Step Green Foamable Adhesive, Millennium PG-1 Low Viscosity Insulation Adhesive or OlyBond 500 applied in ½" to ¾" wide ribbons spaced 3" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply SS-3P (TG)*, Pika Ply 180 (SF) 3.5, Pika Ply 250 S (TG)*, torch-applied.

Or

Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)*, Pika Ply SS-4, adhered in hot asphalt at 25 lbs./sq.
*Requires torch-applied ply or cap membrane.

Ply Sheet (Optional): Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply SS-3P (TG)*, Pika Ply 180 (SF) 3.5, Pika Ply 250 S (TG)*, torch-applied.

Or

Pika Ply SS-3G, Pika Ply 2.2 (FS)* Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)*, Pika Ply SS-4 adhered in hot asphalt at 25 lbs./sq.
*Requires torch-applied ply or cap membrane.

Membrane:	Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG),, torched-applied. Or Premium Cap Sheet, Performance Ply MS FRPika Ply MS-4, adhered in hot asphalt at 25 lbs./sq. to sand surfaced base or ply membrane.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-232.5 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(19): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, ACFoam-III, ENRGY 3, H-Shield Minimum 1.4" thick	**N/A**	**N/A**
Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Pika Ply Recover Board Minimum 1/8" thick	**N/A**	**N/A**

Note: All insulation shall be adhered to the deck with OlyBond Adhesive Fastener at 1 gallon/square. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Primer: (Optional) Elastocol 500, applied at a rate of 1 gal./sq., to top surface of any insulation, base or ply sheet prior to application of next layer.

Base Sheet: (Optional) One layer of Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)*, Pika Ply SS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. *Requires torch-applied ply membrane.

Ply Sheet: One or two layers of Pika Ply SS-3G (TG) *, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, Pika Ply SS-3P (TG), Pika Ply 250 S (TG)*,, torch-applied.

Or

Elastophene Sanded 2.2, Elastophene Sanded 3.0, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply 180 (FS)*, Pika Ply SS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

*Requires torch-applied cap membrane.

Membrane: Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG),, torch-applied.

Or

Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. to sand surfaced ply membrane.

Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-255 psf. (using ENRGY 3) (See General Limitation #9.) -270 psf.(See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(20): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

Primer: (Use only if Vapor Barrier installed) Elastocol 500 or ASTM D41 at 0.75 gal./sq.

Vapor Barrier: (Optional) Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torched-applied to primed concrete deck.

One or more layers of any of the following insulations.

Base Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft^2
ACFoam-II, ACFoam-III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA-3		
Minimum 2" thick	**N/A**	**N/A**

Top Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft^2
Pika Ply Recover Board		
Minimum 0.125" thick	**N/A**	**N/A**
SECUROCK Gypsum-Fiber Roof Board, DensDeck, DEXcell FA Glass Mat Roof Board		
Minimum 0.25" thick	**N/A**	**N/A**
DEXcell Cement Roof Board		
Minimum 7/16" thick	**N/A**	**N/A**

Note: All insulations shall be adhered with Duotack or Duotack Neo applied in continuous ribbons maximum spacing of 12" o.c. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, Pika Ply 2.2 (FS)*, or Pika Ply 180 (FS)* applied in hot asphalt at 25 lbs./sq.

Or

Pika Ply SS-3G (TG)*, Pika Ply SS-3P (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

*Requires torch-applied Ply or Cap.

Ply Sheet: (Optional) Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, Pika Ply 2.2 (FS)*, or Pika Ply 180 (FS)* applied in hot asphalt at 25 lbs./sq.

or

Pika Ply SS-3G (TG)*, Pika Ply SS-3P (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

*Requires torch-applied Ply or Cap.

Membrane:	Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, or applied in hot asphalt at 25 lbs./sq. or Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-260 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(21): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Primer: (Use only if Vapor Barrier installed) Elastocol 500 or ASTM D41 at 0.75 gal./sq.

Vapor Barrier: (Optional) Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torched-applied to primed concrete deck.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, ACFoam-III, EnergyGuard POLYSIO Insulation, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield, H-Shield CG, Multi-Max FA-3		
Minimum 2" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
SECUROCK Gypsum-Fiber Roof Board		
Minimum 0.25" thick	**N/A**	**N/A**

Note: All insulations shall be adhered with Duotack or Duotack Neo applied in continuous ribbons maximum spacing of 12" o.c. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P or Pika Ply SS-4, applied in SR Freedom Adhesive SF at 1.5-2.0 gal./sq.

or

Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

Ply Sheet: (Optional) Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P or Pika Ply SS-4, applied in SR Freedom Adhesive SF at 1.5-2.0 gal./sq.

Membrane: Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, applied in SR Freedom Adhesive SF at 1.5-2.0 gal./sq.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -260 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(22): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, ACFoam-III, EnergyGuard POLYISO Insulation, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield CG		
Minimum 2" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Pika Ply Recover Board		
Minimum 0.125" thick	**N/A**	**N/A**
DEXcell FA Glass Mat Roof Board, DensDeck Prime, SECUROCK Gypsum-Fiber Roof Board		
Minimum 1/4" thick	**N/A**	**N/A**
DEXcell Cement Roof Board		
Minimum 7/16" thick	**N/A**	**N/A**

Note: All insulations shall be adhered with Duotack or Duotack Neo applied in continuous ribbons maximum spacing of 12" o.c. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, Pika Ply 2.2 (FS)*, or Pika Ply 180 (FS)* applied in hot asphalt at 25 lbs./sq.

Or

Pika Ply SS-3G (TG)*, Pika Ply SS-3P (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

*Requires torch-applied Ply or Cap.

Ply Sheet: (Optional) Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, Pika Ply 2.2 (FS)*, or Pika Ply 180 (FS)* applied in hot asphalt at 25 lbs./sq.

Or

Pika Ply SS-3G (TG)*, Pika Ply SS-3P (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

*Requires torch-applied Cap.

Membrane: Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, or applied in hot asphalt at 25 lbs./sq.

Or

Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-277.5 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(23): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam II, ACFoam III, EnergyGuard POLYISO Insulation, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield CG		
Minimum 2" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
SECUROCK Gypsum-Fiber Roof Board		
Minimum 0.25" thick	**N/A**	**N/A**

Note: All insulations shall be adhered with Duotack or Duotack Neo applied in continuous ribbons maximum spacing of 12" o.c. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, Pika Ply 2.2 (FS)*, or Pika Ply 180 (FS)* applied in hot asphalt at 25 lbs./sq.

Or

Pika Ply SS-3G (TG)*, Pika Ply SS-3P (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

*Requires torch-applied Ply or Cap.

Ply Sheet: (Optional) Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, Pika Ply 2.2 (FS)*, or Pika Ply 180 (FS)* applied in hot asphalt at 25 lbs./sq.

Or

Pika Ply SS-3G (TG)*, Pika Ply SS-3P (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

*Requires torch-applied Cap.

Membrane: Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, applied in hot asphalt at 25 lbs./sq.

or

Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-285 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(24): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft2**
ACFoam II, ACFoam III, EnergyGuard POLYISO Insulation, ENRGY 3 AGF, ENRGY 3 CGF, H-Shield CG		
Minimum 2" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft2**
SECUROCK Gypsum-Fiber Roof Board		
Minimum 0.25" thick	**N/A**	**N/A**

Note: All insulations shall be adhered with Duotack or Duotack Neo applied in continuous ribbons maximum spacing of 12" o.c. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P or Pika Ply SS-4, applied in SR Freedom Adhesive SF at 1.5-2.0 gal./sq.

Or

Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

Ply Sheet: (Optional) Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P or Pika Ply SS-4, applied in SR Freedom Adhesive SF at 1.5-2.0 gal./sq.

Membrane: Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, applied in SR Freedom Adhesive SF at 1.5-2.0 gal./sq.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -285 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank
System Type A(25): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.
One or more layers of any of the following insulations.

Base Insulation Layer (Optional)	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
H-Shield, H-Shield CG, ACFoam-II, ACFoam-III, Multi-Max FA-3, Ultra-Max, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, EnergyGuard POLYISO Insulation Minimum 1.5" thick (flat or tapered)	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
SECUROCK Gypsum-Fiber Roof Board Minimum ¼" thick	**N/A**	**N/A**

Note: Top layer of insulation shall be adhered with Duotack or Duotack Neo applied in ½" to ¾" wide ribbons spaced 12" o.c. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as the base layer shall only be used as the base layer with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation boards used as a top layer shall be installed with the polyisocyanurate face down.

Base Sheet: One layer of Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)* or Pika Ply SS-4 adhered in hot asphalt at 25 lbs./sq. or applied in SR Freedom Adhesive SF, applied at a rate of 1.5 – 2 gal./sq.

Or

One layer of Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, Pika Ply SS-3P (TG)*, torch-applied to substrate primed with Elastocol 500.

Ply Sheet: (Optional) One layer of Pika Ply SS-3G, Pika Ply 2.2 (FS)*, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply 180 (FS)* or Pika Ply SS-4 adhered in hot asphalt at 25 lbs./sq. or applied in SR Freedom Adhesive SF, applied at a rate of 1.5 – 2 gal./sq.

Or

One layer of Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, Pika Ply SS-3P (TG)*, torch-applied.

Or

One layer of Pika Ply SA Sanded, self-adhered.
*Requires torch-applied ply or cap membrane

Membrane:	Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied. Or Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. or in SR Freedom Adhesive SF at 1.5-2.5 gal./sq. to sand surfaced membrane.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-270.0 psf. With Self-Adhered Vapor Barrier (See General Limitation #9) -315.0 psf. With Torch-Applied Vapor Barrier (See General Limitation #9) -382.5 psf. (See General Limitation #9)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(26): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

One or more layers of any of the following insulations.

Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
SECUROCK Gypsum-Fiber Roof Board		
Minimum 0.25" thick	**N/A**	**N/A**

Note: All insulations shall be adhered with Duotack or Duotack Neo applied in continuous ribbons maximum spacing of 12" o.c. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P or Pika Ply SS-4, applied in SR Freedom Adhesive SF at 1.5-2.0 gal./sq.

Or

Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

Ply Sheet: (Optional) Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P or Pika Ply SS-4, applied in SR Freedom Adhesive SF at 1.5-2.0 gal./sq.

Membrane: Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, applied in SR Freedom Adhesive SF at 1.5-2.0 gal./sq.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -337.5 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(27): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

Vapor Barrier: (Optional) One layer of Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torched-applied to concrete deck primed with asphaltic primer at 0.75 gal/sq.

One or more layers of any of the following insulations.

Base Insulation Layer (Optional)	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
H-Shield, H-Shield CG, ACFoam-II, ACFoam-III, Multi-Max FA-3, Ultra-Max, ENRGY 3, ENRGY 3 AGF, ENRGY 3 CGF, EnergyGuard POLYISO Insulation Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Pika Ply Recover Board Minimum 1/8" thick	**N/A**	**N/A**
DEXcell FA Glass Mat Roof Board, DensDeck, SECUROCK Gypsum-Fiber Roof Board Minimum 1/4" thick	**N/A**	**N/A**
DEXcell Cement Roof Board Minimum 7/16" thick	**N/A**	**N/A**

Note: All insulations shall be adhered to the vapor barrier or deck with Duotack or Duotack Neo applied in ½" to ¾" wide ribbons spaced 12" o.c. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: One or two plies of Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P or Pika Ply SS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-25 lbs./sq. or in SR Freedom Adhesive SF at 1.5-2.5 gal./sq.

Or

One layer of Pika Ply SA Sanded, self-adhered.

Ply Sheet: (Optional) One layer of Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P or Pika Ply SS-4 adhered in hot asphalt at 25 lbs./sq. or applied in SR Freedom Adhesive SF, at a rate of 1.5 – 2 gal./sq.

Or

One layer of Pika Ply SA Sanded, self-adhered.

Membrane: Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. or in SR Freedom Adhesive SF at 1.5-2.5 gal./sq. to sand surfaced membrane.

Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-337.5 psf. If ply sheets are used (See General Limitation #9.) -382.5 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(28): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

Primer: Substrate primed with approved ASTM D41 primer.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam II, ENRGY 3, H-Shield, or Multi-Max FA-3 Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Pika Ply Recover Board Minimum 0.125" thick	**N/A**	**N/A**

Note: All insulations shall be adhered with hot asphalt at 25 lbs./sq. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: One or two layers of Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P or Pika Ply SS-4 Pika Ply 2.2 (FS)*, or Pika Ply 180 (FS)*, applied in hot asphalt at 25 lbs./sq.

*Requires torch-applied Ply or Cap.

Ply Sheet: (Optional) Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, Pika Ply 2.2 (FS)*, or Pika Ply 180 (FS)* applied in hot asphalt at 25 lbs./sq.

or

Pika Ply SS-3G (TG) *, Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

*Requires torch-applied Cap.

Membrane: Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, applied in hot asphalt at 25 lbs./sq.

Or

Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -365 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: Min. 2500 psi structural concrete or concrete plank

System Type A(29): One or more layers of insulation adhered with approved adhesive

All General and System Limitations apply.

Vapor Barrier: One or two plies of Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torched applied to ASTM D 41 primed concrete deck.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, H-Shield, ENRGY 3, Multi-Max FA-3 Minimum 2" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
SECUROCK Gypsum-Fiber Roof Board Minimum 0.25" thick	**N/A**	**N/A**

Note: All insulation shall be adhered in Duotack, Duotack Neo, Millennium One Step Foamable Adhesive, Millennium One Step Green Foamable Adhesive, Millennium PG-1 Low Viscosity Insulation Adhesive or OlyBond 500 applied in ½" to ¾" wide ribbons spaced 3" o.c. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), torch-applied.

Ply Sheet (Optional): Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), torch-applied.

Membrane: Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torched-applied.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications.
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -375 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(30): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

Primer: Substrate primed with approved ASTM D41 primer.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam II, ENRGY 3, H-Shield, Multi-Max FA-3 Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
SECUROCK Gypsum-Fiber Roof Board Minimum 0.25" thick	**N/A**	**N/A**

Note: All insulations shall be adhered with hot asphalt at 25 lbs./sq. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G (TG)*, Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

*Requires torch-applied Ply or Cap.

Ply Sheet: (Optional) Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, Pika Ply 2.2 (FS)*, or Pika Ply 180 (FS)* applied in hot asphalt at 25 lbs./sq.

or

Pika Ply SS-3G (TG)*, Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

*Requires torch-applied Cap.

Membrane: Performance Ply MS FR, Pika Ply MS-4, applied in hot asphalt at 25 lbs./sq.

or

Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -300 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(31): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

Vapor Barrier (Optional) One layer of Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied over concrete deck primed with asphaltic primer at 0.75 gal/sq.

One or more layers of any of the following insulations.

Base Insulation Layer (Optional)	Insulation Fasteners (Table 3)	Fastener Density/ft^2
H-Shield, Multi-Max FA-3, Ultra-Max, ENRGY 3, H-Shield CG, ACFoam-II, ACFoam-III, ENRGY 3 AGF, ENRGY 3 CGF, EnergyGuard Polyiso Insulation		
Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft^2
Pika Ply Recover Board		
Minimum 1/8" thick	**N/A**	**N/A**
DEXcell FA Glass Mat Roof Board, DensDeck, SECUROCK Gypsum-Fiber Roof Board		
Minimum 1/4" thick	**N/A**	**N/A**
DEXcell Cement Roof Board		
Minimum 7/16" thick	**N/A**	**N/A**

Note: All insulation shall be adhered to the vapor barrier or deck with Duotack or Duotack Neo applied in ½" to ¾" wide ribbons spaced 12" o.c. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: One layer of Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), torch-applied.

Ply Sheet: (Optional) One layer of Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), torch-applied.

Membrane: Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications.
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -382.5 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(32): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

Primer: Substrate primed with approved ASTM D41 primer.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, ENRGY 3, H-Shield, Multi-Max FA-3 Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
SECUROCK Gypsum-Fiber Roof Board Minimum 0.25" thick	**N/A**	**N/A**

Note: All insulations shall be adhered with hot asphalt at 25 lbs./sq. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, Pika Ply 2.2 (FS)*, or Pika Ply 180 (FS)*, applied in hot asphalt at 25 lbs./sq.

*Requires torch-applied Ply or Cap.

Ply Sheet: (Optional) Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, Pika Ply 2.2 (FS)*, or Pika Ply 180 (FS)* applied in hot asphalt at 25 lbs./sq.

Or

Pika Ply SS-3G (TG)*, Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

*Requires torch-applied Cap.

Membrane: Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, applied in hot asphalt at 25 lbs./sq.

Or

Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -300 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(33): One or more layers of insulation adhered with approved asphalt.

All General and System Limitations apply.
One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, ACFoam-III, ENRGY 3, H-Shield Minimum 1.4" thick	**N/A**	**N/A**
Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Fesco Board Minimum ¾" thick	**N/A**	**N/A**

Note: Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to application of insulation. All insulation shall be adhered to the primed deck in full moppings of approved hot asphalt within the EVT range and at a rate of 20-40 lbs./100 ft^2. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels may be used as a top layer placed with the polyisocyanurate side facing down.

Ply Base Sheet: (Optional) **(Required if no base sheet used)** One or more layers of Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply 2.2 (FS)*, Pika Ply 180 (FS)*, Pika Ply SS-3P, Pika Ply SS-4 or one or more plies of Type IV or Type VI ply sheets, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.
*Requires torch-applied cap membrane.

Membrane: Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Membrane: (Continued) Or
Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications.
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -420 psf. (See General Limitation #9.)

Membrane Type: SBS

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(34): One or more layers of insulation adhered with approved adhesive.

All General and System Limitations apply.

Primer: Substrate primed with approved ASTM D41 primer.

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, ENRGY 3, H-Shield, Multi-Max FA-3 Minimum 1.5" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
DensDeck Minimum 0.25" thick	**N/A**	**N/A**

Note: All insulations shall be adhered with hot asphalt at 25 lbs./sq. Refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, Pika Ply 2.2 (FS)*, or Pika Ply 180 (FS)*, applied in hot asphalt at 25 lbs./sq.

*Requires torch-applied Ply or Cap.

Ply Sheet: (Optional) Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, Pika Ply 2.2 (FS)*, or Pika Ply 180 (FS)* applied in hot asphalt at 25 lbs./sq.

Or

Pika Ply SS-3G (TG)*, Pika Ply SS-3P (TG)*, Pika Ply 250 S (TG)*, Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.

*Requires torch-applied Cap.

Membrane: Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, or applied in hot asphalt at 25 lbs./sq.

Or

Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Surfacing: Surfacing is Optional on granular surfaced field cap membranes.
Surfacing is Required for smooth or sanded surfaced field cap membranes.
Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications
Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.

Maximum Design Pressure: -452.5 psf. (See General Limitation #9.)

Membrane Type:	SBS
Deck Type 3I:	Concrete Decks, Insulated
Deck Description:	2500 psi structural concrete or concrete plank
System Type A(35):	One or more layers of insulation adhered with approved adhesive
Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.

All General and System Limitations apply.

Primer:	Substrate primed with approved ASTM D41 primer
Vapor Barrier (Optional):	One layer of Pika Ply 180 (SF), Pika Ply 180 (SF) 3.5, torch-applied.
Leveling Agent (Optional):	Poly Patch

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, ACFoam-III, H-Shield Minimum 2" thick	**N/A**	**N/A**
Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Pika Ply Recover Board Minimum 1/8" thick	**N/A**	**N/A**

Note: Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to application of vapor barrier or insulation. All insulation shall be adhered to the vapor barrier or primed deck in full mopping of approved hot asphalt within the EVT range and at a rate of 20-40 lbs./100 ft^2. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels may be used as a top layer placed with the polyisocyanurate side facing down.

Primer: (Optional)	Elastocol 500, applied at a rate of 1 gal./sq., to top surface of any insulation, base or ply sheet prior to application of next layer
Base Sheet:	One layer of Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), torch-applied.
Ply Sheet: (Optional)	One or more layers of Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), torch-applied.
Membrane:	Pika Ply MS-4G(TG), Ply MS-4 (TG), Pika Ply 250 GR FR (TG), , torch-applied.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-375.0 psf. (See General Limitation #9.)

Membrane Type:	SBS
Deck Type 3I:	Concrete Decks, Insulated
Deck Description:	2500 psi structural concrete or concrete plank
System Type A(36):	One or more layers of insulation adhered with approved adhesive
Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.

All General and System Limitations apply.

Primer:	Substrate primed with approved ASTM D41 primer.
Vapor Barrier (Optional):	One layer of Pika Ply 180 (SF), torch-applied.
Leveling Agent (Optional):	Vinyl Patch

One or more layers of any of the following insulations.

Base Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
ACFoam-II, ACFoam-III, H-Shield		
Minimum 2" thick	**N/A**	**N/A**

Top Insulation Layer	**Insulation Fasteners (Table 3)**	**Fastener Density/ft^2**
Pika Ply Recover Board		
Minimum 1/8" thick	**N/A**	**N/A**

Note: Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to application of vapor barrier or insulation. All insulation shall be adhered to the vapor barrier or primed deck in full mopping of approved hot asphalt within the EVT range and at a rate of 20-40 lbs./100 ft^2. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulations listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels may be used as a top layer placed with the polyisocyanurate side facing down.

Primer: (Optional)	Elastocol 500, applied at a rate of 1 gal./sq., to top surface of any insulation, base or ply sheet prior to application of next layer.
Base Sheet:	One layer of Pika Ply 180 (SF), Pika Ply SS-3P (TG), , torch-applied.
Ply Sheet: (Optional)	One or more layers of Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), torch-applied.
Membrane:	Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.

Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-427.5 psf. (See General Limitation #9.)

Membrane Type:	SBS
Deck Type 3:	Concrete Decks, Non-Insulated
Deck Description:	2500 psi structural concrete or concrete plank
System Type F(1):	Base sheet adhered to primed substrate.

All General and System Limitations apply.

Primer: (Optional)	Elastocol 500, applied at a rate of 1 gal./sq., to top surface of any base or ply sheet prior to application of next layer
Ply Sheet:	Pika Ply SS-3G (TG)*, Pika Ply 180 (SF), Pika Ply SS-3P (TG)*, Pika Ply 180 (SF) 3.5, Pika Ply 250 S (TG)*, torch-applied. *Requires torch-applied cap membrane.
Membrane:	Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-187.5 psf. (See General Limitation #9.)

Membrane Type:	SBS
Deck Type 3:	Concrete Decks, Non-Insulated
Deck Description:	2500 psi structural concrete or concrete plank
System Type F(2):	Membranes adhered to primed substrate.

All General and System Limitations apply.

Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.
Primer:	Elastocol 500, at an application rate of 100 ft^2/gallon.
Base Sheet:	One layer of Pika Ply SA Sanded, self-adhered.
Ply Sheet: (Optional)	One or more layers of Pika Ply SS-3G, Pika Ply 180 (S), Pika Ply SS-3P, Pika Ply SS-4, adhered in hot asphalt at 25 lbs./sq. to sand surfaced base membrane.
Primer: (Optional)	Elastocol 500, applied at a rate of 1 gal./sq. to top surface of any base or ply sheet prior to application of next layer
Membrane:	(With torch-applied base sheets) Premium Cap Sheet, Performance Ply MS FR, Pika Ply MS-4, adhered in hot asphalt at 25 lbs./sq. to sand surfaced base or ply membrane.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-242.5 psf. (See General Limitation #9.)

Membrane Type:	SBS
Deck Type 3:	Concrete Decks, Non-Insulated
Deck Description:	2500 psi structural concrete or concrete plank
System Type F(3):	Membranes adhered to primed substrate.

All General and System Limitations apply.

Substrate Preparation:	All surfaces must be dry, smooth, free of depressions, voids and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.
Primer:	Elastocol 500, at an application rate of 100 ft^2/gallon.
Base Sheet:	One layer of self-adhered .
Ply Sheet: (Optional)	One or more layers of Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), Pika Ply 250 S (TG), torch-applied.
Primer: (Optional)	Elastocol 500, applied at a rate of 1 gal./sq. to top surface of any base or ply sheet prior to application of next layer
Membrane:	Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications. Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-272.5 psf. With Self-Adhered Base Sheet (See General Limitation #9.)

Membrane Type:	SBS
Deck Type 3I:	Concrete Decks, Non-Insulated
Deck Description:	2500 psi structural concrete or concrete plank
System Type F(4):	Non-Insulated, Roof cover to concrete
All General and System Limitations apply.	
Primer:	ASTM D41 or Elastocol 500 primer applied at a rate of 0.75 gal./sq.
Base Sheet:	Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), or Pika Ply 250 S (TG), torch-applied.
Ply Sheet: (Optional)	Pika Ply SS-3G (TG), Pika Ply SS-3P (TG), or Pika Ply 250 S (TG), torch-applied.
Membrane:	Pika Ply MS-4G(TG), Pika Ply MS-4 (TG), Pika Ply 250 GR FR (TG), torch-applied.
Surfacing:	Surfacing is Optional on granular surfaced field cap membranes. Surfacing is Required for smooth or sanded surfaced field cap membranes. Refer to Underwriters Laboratories or Intertek Testing Services listings for applicable fire classifications Apply any coating listed in Table 4 above, or any Miami-Dade approved coating system.
Maximum Design Pressure:	-367.5 psf. (See General Limitation #9.)

CONCRETE DECK SYSTEM LIMITATIONS:

1. If mechanical attachment to the structural deck through the lightweight insulating concrete is proposed, a field withdrawal resistance testing shall be performed to determine equivalent or enhanced fastener patterns and density. All testing and fastening design shall be in compliance with Testing Application Standard TAS 105 and Roofing Application Standard RAS 117, calculations shall be signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant.

GENERAL LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each side lap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq.
   Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.
5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE