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CREEK Technical Services, LLC — SIPLAST, INC. SBS Modified Roofing Systems **APPENDIX B**

NOMENCLATURE

The following naming conventions are utilized to specify products in the Approved Assemblies section of this report. Refer to the nomenclature below when deciphering the allowable products for use in the selected assembly. Installation requirements shall be as noted in the Approved Assemblies and Installation section of this report.

Name			Definition
Adhered Base			One or more plies of Paradiene 20, Paradiene 20 HT, Paradiene 20 EG or Paradiene 20 HV
Approved Insulation			One or more layers or combinations of roofing insulation listed in this report or approved under rule 61G20-3, such as gypsum, perlite, polyisocyanurate, polystyrene, or wood fiberboard. Insulation shall be preliminarily secured unless otherwise noted.
As Tested			Information provided to the report user based on the as tested condition of the roof system
Cold Cap			Paradiene 30 FR, Paradiene 30 FR BW, Paradiene 30 MW FR, Paradiene 30 CP FR, Paradiene 30 HT FR, Paradiene 40 CR FR, Paradiene 40 FR, Paradiene 40 FR BW, Paradiene 40 FR Eco-Activ, Paradiene 30 MW FR, or Parafor 50 LT fully bonded in PA-311
Cold Cap LS			Paradiene 30 FR, Paradiene 30 MW FR, Paradiene 30 CR FR, Paradiene 30 HT FR, Paradiene 40 CR FR, Paradiene 40 FR, Paradiene 40 FR Eco-Activ, Paradiene 30 MW FR, or Parafor 50 LT fully bonded in PA-311
Concrete Deck			Designed by others in accordance with FBC requirements; Min. f'c = 2,500 psi at 28 days
Deck Detail			As Tested deck construction details are described as follows:
	Concrete Deck		Designed by others in accordance with FBC requirements; Min. f'c = 2,500 psi at 28 days
	Steel Deck		Min. 22 ga. Wide Rib Deck (Type WR) conforming to ANSI/SDI-RD1.0 & FBC; 0.5% Vented for LWIC applications only. The following nomenclature is used to further describe the As Tested condition.
		F<#>	<#> #12-24 HWH self-drilling screws or equivalent fastener at each flute used to secure the deck to the structural supports; Min. 0.25-inch penetration
		G<#>	Min. Grade <#> of Steel Deck
		L<#>	Max span of <#> ft.
		P	Min. 5/8-inch diameter puddle welds at each flute used to secure the deck to the structural supports
		PWSR	Min. 3/8-inch diameter weld washers at each flute used to secure the deck to the structural supports
		S<#>	1/4-14 HWH S/W self-drilling screws or equivalent fastener secured <#>-inch o.c. along the panel side laps
		W	0.75-inch O.D. flat washer used with indicated fastener
	Wood Deck		APA Span-Rated sheathing. The following nomenclature is used to further describe the As Tested condition.
		T<#>P	Min. <#>-inch thickness of the plywood
		T<#>O	Min. <#>-inch thickness of the OSB

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Name		Definition
	L<#>	Max. span of <#> inches
	R<#>/<#>	Min. 0.113-inch diameter x 2-3/8-inch ring shank nails spaced <#>-inch o.c. at all intermediate supports and spaced <#> at the perimeter of each board
DensDeck Prime		Min. 1/4-inch thickness Georgia-Pacific DensDeck Prime
Fastened-Base		One or more plies of Parabase, Parabase FS, Parabase Plus
Hot asphalt		ASTM D 312, Type IV asphalt applied in EVT range at a rate of 20-35 lbs/100ft²
IA-CR20		ICP Adhesives CR-20
IA-IS		Dow Insta Stik Quik Set Insulation Adhesive
IA-OB		OlyBond 500
IA-OS		NIKKO Millennium One Step Foamable Adhesive
LWIC		Poured-in-place Cellular Lightweight Concrete with encapsulated insulation board
MDP		Maximum Design Pressure
Mopped Ply		One or more plies of Paradiene 20, Paradiene 20 HV, Paradiene 20 EG, Paradiene 20 FR, or Paradiene 20 HT fully bonded in hot asphalt at a rate 20-40 lbs/100ft²
Parafast		Siplast Parafast Roofing Fasteners and Plates (optional pre-assembled)
Parafast XHD		Siplast Parafast XHD Roofing Fasteners and Parafast 128 Tri Rib Plates
Parafast-IA		Siplast Parafast Insulation Adhesive
Paratherm		Paratherm G, Paratherm H, Paratherm N, Paratherm W, H-Shield or ACFoam-II
SECUROCK		Minimum 1/4-inch USG SECUROCK Gypsum-Fiber Roof Board
Steel Deck		Designed by others in accordance with FBC requirements; Min. 22 ga. (Fy ≥ 33 ksi) Wide Rib Deck (Type WR) conforming to ANSI/SDI-RD1.0 & FBC; 0.5% vented for cellular LWIC and 1.5% vented for aggregate LWIC applications only (See span restrictions in Approved Assemblies tables)
Terotap w/Paver		Terotap 1ft Band fully bonded by torch adhering with max. 24 in. x 24 in. Hanover Pedestal Pavers fully bonded to Terotap at each corner with Siplast PS 304 elastomeric sealant.
Torched Cap		Paradiene 30 TG, Paradiene 30 FR TG, Paradiene 30 FR TG BW, Paradiene 30 CR FR TG, Paradiene 30 FR TG Eco-Activ, Paradiene 30 HT FR TG, Paradiene 30 HT CR FR TG, Paradiene 40 FR TG, Paradiene 40 FR TG Eco-Activ or fully bonded by torch adhering
Torched Ply		Paradiene 20 TG, Paradiene 20 HV TG, Paradiene 20 EG TG, Paradiene 20 HT TG, or Paradiene 20 FR TG fully bonded by torch adhering
Torched Ply2		Paradiene 20 TG F or Paradiene HT TG F fully bonded by torch adhering (Shall be used with Torched Cap only)

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APPROVED ASSEMBLIES

The following notes shall be observed when using the assembly tables below

1. MDPs were calculated using a 2:1 margin of safety per FBC Section 1504.9 and 1523.6.
2. Refer to Limitations and Nomenclature sections of this evaluation when using the table(s) below. Items italicized refer to specific nomenclature used in this report.
3. Refer to Installation section of this report for installation detail when the information is not explicitly stated for the selected assembly.
4. The on-center (o.c.) spacing given is the maximum allowable attachment spacing for the noted system. Fastener rows shall be equally spaced across the width of the base sheet.
5. As Tested information for roof deck construction is provided for information only. The addition of the As Tested deck information does not obviate the requirement for rational design of the roof deck and roof deck attachment in accordance with FBC requirements.

Assembly System Numbers and Definitions	
C-A-#	Assemblies with All Layers Adhered over Concrete Deck (New or Existing)
G-A-#	Assemblies with All Layers Adhered over Poured Gypsum Deck (New or Existing)
LC-A-#	Lightweight Concrete Assemblies with All Layers Adhered over Concrete Deck (New or Existing)
LC-M-#	Mechanically Fastened Lightweight Concrete Assemblies over Concrete Deck (New or Existing)
LS-A-#	Lightweight Concrete Assemblies with All Layers Adhered over Steel Deck (New or Existing)
LS-M-#	Mechanically Fastened Lightweight Concrete Assemblies over Steel Deck (New or Existing)
R-A-#	Adhered Recover Assemblies with All Layers Adhered
S-A-#	Assemblies with Adhered Membranes over Steel Deck (New, Existing, or Recover)
W-AM-#	Assemblies with Adhered Membranes over Insulated Wood Deck (New, Existing, or Recover)

Assemblies with All Layers Adhered over *Concrete Deck* (New or Existing)

System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-1	Tradesman SBS Class 5A Base self-adhered to deck primed with ASTM D 41 asphalt primer	Min. 1.5-inch *Paratherm*	Para-Stick applied in ribbons spaced 12-inch o.c.	*DensDeck Prime*	Para-Stick applied in ribbons spaced 12-inch o.c.	*Adhered Base* adhered in PA-311 Adhesive	OPTIONAL *Adhered Base* adhered in PA-311 Adhesive	*Cold Cap*	-90 (Lim. 9)
C-A-2	-	Min. 1.5-inch *Paratherm*	Para-Stick applied in ribbons spaced 12-inch o.c.	*SECUROCK*	Para-Stick applied in ribbons spaced 12-inch o.c.	Paradiene TS SA self-adhered	OPTIONAL *Adhered Base* adhered in PA-311 Adhesive	*Cold Cap LS*	-60 (Lim. 9)
C-A-3	Paradiene 20 SA self-adhered to deck primed with ASTM D 41 asphalt primer	Min. 1.5-inch *Paratherm*	Para-Stick applied in ribbons spaced 12-inch o.c.	*DensDeck Prime*	Para-Stick applied in ribbons spaced 12-inch o.c.	*Adhered Base* fully adhered in PA-311 Adhesive	OPTIONAL *Adhered Base* fully adhered in PA-311 Adhesive	*Cold Cap*	-97.5 (Lim. 9)

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Assemblies with All Layers Adhered over *Concrete Deck* (New or Existing)

System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-4	-	One or more layers of min. 1-inch ACH Foam Control EPS - FM	*Parafast-IA* applied in ribbons spaced 12-inch o.c.	*DensDeck Prime*	*Parafast-IA* applied in ribbons spaced 12-inch o.c.	*Adhered Base* fully adhered in PA-311 Adhesive	OPTIONAL *Adhered Base* fully adhered in PA-311 Adhesive	*Cold Cap*	-85 (Lim. 9)
C-A-5	-	Min. 1-inch ACH Foam Technologies Foam Control EPS	Para-Stick applied in ribbons spaced 12-inch o.c.	*DensDeck Prime*	Para-Stick applied in ribbons spaced 12-inch o.c.	Paradiene 20 SA self-adhered	-	*Torched Cap* or Veral Aluminum or Copper torch applied	-105 (Lim. 9)
C-A-6	-	Min. 1.5-inch *Paratherm*	*IA-IS*, *IA-OB*, *IA-OS*, or Para-Stick applied in ribbons spaced 12-inch o.c.	*DensDeck Prime*	*IA-IS*, *IA-OB*, *IA-OS*, or Para-Stick applied in ribbons spaced 12-inch o.c.	Paradiene 20 TS SA self-adhered	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap* or Veral Aluminum or Copper torch applied	-112.5 (Lim. 9)
C-A-7	-	Min. 1.5-inch *Paratherm*	Para-Stick applied in ribbons spaced 12-inch o.c.	*SECUROCK*	Para-Stick applied in ribbons spaced 12-inch o.c.	Paradiene 20 SA self-adhered	OPTIONAL *Adhered Base* adhered in PA-311 Adhesive	*Cold Cap LS*	-112.5 (Lim. 9)
C-A-8	-	Min. 1.5-inch *Paratherm*	*IA-IS*, *IA-OB*, *IA-OS*, or Para-Stick applied in ribbons spaced 12-inch o.c.	*DensDeck Prime*	*IA-IS*, *IA-OB*, *IA-OS*, or Para-Stick applied in ribbons spaced 12-inch o.c.	*Adhered Base* fully adhered in SFT Adhesive	OPTIONAL *Adhered Base* fully adhered in SFT Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in SFT Adhesive	-150 (Lim. 9)
C-A-9	Irex 40 torch adhered to deck primed with ASTM D 41 primer	One or more layers of min. 1.5-inch *Paratherm*	*Parafast-IA* applied in ribbons spaced 12-inch o.c.	*DensDeck Prime*	*Parafast-IA* applied in ribbons spaced 12-inch o.c.	*Adhered Base* fully adhered in PA-311 Adhesive	OPTIONAL *Adhered Base* fully adhered in PA-311 Adhesive	*Cold Cap*	-150 (Lim. 9)
C-A-10	-	-	-	-	-	Paradiene 20 SA self-adhered over a deck primed with ASTM D 41 primer	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap* or Veral Aluminum or Copper torch applied	-492.5 (Lim. 9)

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Assemblies with All Layers Adhered over *Concrete Deck* (New or Existing)

System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-11	-	Min. 1.5-inch *Paratherm*	*IA-IS*, *IA-OB*, or Para-Stick applied in ribbons spaced 12-inch o.c.	-	-	Paradiene 20 TS SA self-adhered	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap* or Veral Aluminum or Copper torch applied	-157.5 (Lim. 9)
C-A-12	Paradiene 20 TG torch adhered	Min. 1.5-inch *Paratherm*	Olybond 500 applied in ribbons spaced 12-inch o.c.	*DensDeck Prime*	Olybond 500 applied in ribbons spaced 12-inch o.c.	*Torched Ply* or *Torched Ply2*	OPTIONAL *Torched Ply* or *Torched Ply2*	Paradiene 30 FR TG, Paradiene 30 HT FR TG or Paradiene 30 TG torch adhered; Cap sheet coated with PS-207	-157.5 (Lim. 9)
C-A-13	-	Min. 2-inch ACFoam-III	Para-Stick applied in ribbons spaced 12-inch o.c.	-	-	Paradiene 20 TS SA self-adhered	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap* or Veral Aluminum or Copper torch applied	-165 (Lim. 9)
C-A-14	-	Min. 1.5-inch *Paratherm*	Para-Stick applied in ribbons spaced 12-inch o.c.	*SECUROCK*	Para-Stick applied in ribbons spaced 12-inch o.c.	*Adhered Base* fully adhered in PA-311 Adhesive	OPTIONAL *Adhered Base* fully adhered in PA-311 Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in PA-311 Adhesive	-180 (Lim. 9)
C-A-16	-	Min. 1.5-inch *Paratherm*	*Parafast-IA* applied in ribbons spaced 6-inch o.c.	SECUROCK Cement Roof Board	*Parafast-IA* applied in ribbons spaced 6-inch o.c.	Paradiene 20 SA self-adhered to PA-1125 primed board	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap* or Veral Aluminum or Copper torch applied	-188 (Lim. 9)
C-A-18	-	Min. 1.5-inch *Paratherm*	Para-Stick applied in ribbons spaced 12-inch o.c.	*SECUROCK*	Para-Stick applied in ribbons spaced 12-inch o.c.	*Adhered Base* fully adhered in SFT Adhesive	OPTIONAL *Adhered Base* fully adhered in SFT Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in SFT Adhesive	[illegible]
C-A-17	Paradiene 20 fully adhered in SFT Adhesive	Min. 1.5-inch *Paratherm*	Para-Stick applied in ribbons spaced 12-inch o.c.	*SECUROCK*	Para-Stick applied in ribbons spaced 12-inch o.c.	*Adhered Base* fully adhered in SFT Adhesive	OPTIONAL *Adhered Base* fully adhered in SFT Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in SFT Adhesive	-232.5 (Lim. 9)

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Assemblies with All Layers Adhered over *Concrete Deck* (New or Existing)

System No.	Vapor Barrier	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
C-A-18	OPTIONAL Paradiene 20, 20 HT, or 20 EG fully adhered in hot asphalt or Paradiene 20 TG, 20 HT TG, or 20 EG TG torch adhered	Min. 1.5-inch *Paratherm*	Para-Stick applied in ribbons spaced 12-inch o.c.	*SECUROCK*	Para-Stick applied in ribbons spaced 12-inch o.c.	Paradiene 20 SA self-adhered	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap* or Veral Aluminum or Copper torch applied	-247.5 (Lim. 9)
C-A-19	OPTIONAL Paradiene 20, 20 HT, or 20 EG fully adhered in hot asphalt or Paradiene 20 TG, 20 HT TG, or 20 EG TG torch adhered	Min. 1.5-inch *Paratherm*	Para-Stick applied in ribbons spaced 12-inch o.c.	*SECUROCK*	Para-Stick applied in ribbons spaced 12-inch o.c.	*Torched Ply* or *Torched Ply2* or Paradiene 20 SA self-adhered	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap* or Veral Aluminum or Copper torch applied	-255 (Lim. 9)
[illegible]	Irex 40 torch adhered to primed deck with ASTM D 41 primer	Min. 1.5-inch *Paratherm*	Para-Stick applied in ribbons spaced 6-inch o.c.	*DensDeck Prime*	Para-Stick applied in ribbons spaced 6-inch o.c.	*Torched Ply* or *Torched Ply2* or Paradiene 20 SA self-adhered	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap* or Veral Aluminum or Copper torch applied	-255 (Lim. 9)
C-A-21	-	Min. 1.5-inch *Paratherm*	*Parafast-IA* applied in ribbons spaced 6-inch o.c.	Min. 0.5-inch *SECUROCK*	*Parafast-IA* applied in ribbons spaced 6-inch o.c.	Paradiene 20 SA self-adhered to PA-1125 primed board	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap* or Veral Aluminum or Copper torch applied	-262.5 (Lim. 9)
C-A-22	-	-	-	-	-	Paradiene 20 TS over primed concrete deck with Paradiene PA-1125	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap*	-352.5 (Lim. 9)
C-A-23	-	-	-	-	-	*Torched Ply* or *Torched Ply2* over primed concrete deck with Paradiene PA-1125	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap*	-367.5 (Lim. 9)

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Assemblies with All Layers Adhered over *Poured Gypsum Deck* (New or Existing)

System No.	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
G-A-1	Min. 1.5-inch *Paratherm*	Para-Stick applied in ribbons spaced 12-inch o.c.	*DensDeck Prime* primed with PA-1125	Para-Stick applied in ribbons spaced 12-inch o.c.	*Torched Ply* or *Torched Ply2*	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap*	-257.5 (Lim. 9)

Lightweight Concrete Assemblies with All Layers Adhered over *Concrete Deck* (New or Existing)

System No.	Vapor Barrier	LWIC	Base Sheet	Base Sheet Attachment	Ply Sheet	Cap Sheet	MDP (psf)
LC-A-1	Irex 40 (Optional)	Min. 300 psi Insulcel with RT pellets	Paradiene 20 TG	Torch Adhered	OPTIONAL *Torched Ply* or *Torched Ply2*	*Terotap w/Paver*	-170 (Lim. 9)
LC-A-2	Irex 40	Min. 300 psi Insulcel with RT pellets	Paradiene 20 TG	Torch Adhered	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap*	-252.5 (Lim. 9)
LC-A-3	N/A	Min. 300 psi Insulcel with RT pellets	Paradiene 20 TG	Torch Adhered	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap*	-217.5 (Lim. 9)

Mechanically Fastened Lightweight Concrete Assemblies over *Concrete Deck* (New or Existing)

System No.	Vapor Barrier	LWIC	Base Sheet	Base Sheet Attachment	Ply Sheet	Cap Sheet	MDP (psf)
LC-M-1	Properly prepared BUR (optional)	Min. 200 psi NVS®	*Fastened-Base*	NVS Fastener installed 7-inch o.c. in the laps, 12-inch o.c. in three (3) equally spaced rows in the field of the roll	*Mopped Ply*, *Torched Ply* or *Torched Ply2*	*Torched Cap* or *Terotap w/Paver*	-75 (Lim. 7)
LC-M-2	Properly prepared BUR (optional)	Min. 200 psi Insulcel	*Fastened-Base*	Zono-Tite Fastener installed 7-inch o.c. in the laps, 10-inch o.c. in three (3) equally spaced rows in the field of the roll	*Mopped Ply*, *Torched Ply* or *Torched Ply2*	*Torched Cap* or *Terotap w/Paver*	-75 (Lim. 7)
LC-M-3	Irex 40 (Optional)	Min. 200 psi Insulcel	*Fastened-Base* 4-inch side lap	Zono-Tite Fastener installed 7-inch o.c. in the laps, 10-inch o.c. in three (3) staggered rows in the field of the roll	*Mopped Ply*, *Torched Ply* or *Torched Ply2*	*Torched Cap* or *Terotap w/Paver*	-22.5 (Lim. 7)
LC-M-4	N/A	Min. 200 psi ZIC	*Fastened-Base*	Zono-Tite Fastener installed 7-inch o.c. in the laps, 7-inch o.c. in three (3) staggered rows in the field of the roll	*Mopped Ply*, *Torched Ply* or *Torched Ply2*	*Torched Cap*	-82.5 (Lim. 7)
LC-M-5	Irex 40 (Optional)	Min. 300 psi NVS®	*Fastened-Base*	NVS Fastener installed 6-inch o.c. in the laps, 8-inch o.c. in five (5) staggered rows in the field of the roll	*Torched Ply* or *Torched Ply2*	*Torched Cap* or *Terotap w/Paver*	-135 (Lim. 7)

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Lightweight Concrete Assemblies with All Layers Adhered over *Steel Deck* (New or Existing)

System No.	Deck Detail	LWIC	Base Sheet	Base Sheet Attachment	Ply Sheet	Cap Sheet	MDP (psf)
LS-A-1	G22, L6, PW3/8, S12	Min. 300 psi Insulcel with RT pellets	Paradiene 20 TG	Torch Adhered	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap*	-37.5 (Lim. 9)

Mechanically Fastened Lightweight Concrete Assemblies over *Steel Deck* (New or Existing)

System No.	Deck Detail	LWIC	Base Sheet	Base Sheet Attachment	Ply Sheet	Cap Sheet	MDP (psf)
[illegible]	G22, L6, [illegible] S12	Min. 200 psi [illegible]	*Fastened-Base*	Zono-Tite Fastener installed 7-inch o.c. in the laps, 7-inch o.c. in three (3) staggered rows in the field of the roll	*Mopped Ply*, *Torched Ply*, or *Torched Ply2*	*Torched Cap*	-82.5 (Lim. 7)

Adhered Recover Assemblies with All Layers Adhered

System No.	Existing Roof	Base Insulation	Base Attachment	Top Insulation	Top Attachment	Base Ply	Ply Sheet	Cap Sheet	MDP (psf)
R-A-1	Siplast roof system with Paradiene series roof cover	-	-	-	-	*Adhered Base* or Irex 40 adhered in PA-311 Adhesive	OPTIONAL *Adhered Base* or Irex 40 adhered in PA-311 Adhesive	*Cold Cap*	-150 (Lim. 9)

Assemblies with Adhered Membranes over *Steel Deck* (New, Existing, or Recover)

System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-A-1	G22, L6	Min. 0.5-inch SECUROCK or DensDeck Prime secured with *Parafast* at 6 per 4 ft x 8 ft board primed with ASTM D 41 asphalt primer and covered with self-adhered Paradiene 20 SA	Min. 1.5-inch *Paratherm* installed with Para-Stick applied in ribbons spaced 12-inch o.c.	*DensDeck Prime* installed with Para-Stick applied in ribbons spaced 12-inch o.c.	*Torched Ply* or *Torched Ply2*	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap* or Veral Aluminum or Copper torch applied	-45 (Lim. 9)
S-A-2	G22, L6, F2W, S12	-	Min. 1.5-inch *Approved Insulation*	Min. 1/2-inch SECUROCK through fastened with *Parafast* at 32 per 4 ft x 8 ft board	*Adhered Base* fully adhered in PA-311 Adhesive	OPTIONAL *Adhered Base* fully adhered in PA-311 Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in PA-311 Adhesive	-52.5 (Lim. 7)

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Assemblies with Adhered Membranes over *Steel Deck* (New, Existing, or Recover)

System No.	Deck Detail	Thermal Barrier	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
S-A-3	G22, L6, F1W, S24	Min. 0.5-inch DensDeck Prime secured with *Parafast* at 20 per 4 ft x 8 ft board with Paradiene 20 TG torch adhered	One or more layers of min. 1.5-inch *Paratherm* installed with Siplast *Parafast-IA* applied in ribbons spaced 12-inch o.c.	Min. 0.25-inch DensDeck Prime installed with Siplast *Parafast-IA* applied in ribbons spaced 12-inch o.c.	*Torched Ply* or *Torched Ply2*	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap* or Veral Aluminum or Copper torch applied	-82.5 (Lim. 7)
S-A-4	G20, L6, F1W, S24	Min. 0.5-inch DensDeck Prime secured with *Parafast* at 35 per 4 ft x 8 ft board with Paradiene 20 TG torch adhered	One or more layers of min. 1.5-inch *Paratherm* installed with Siplast *Parafast-IA* applied in ribbons spaced 12-inch o.c.	Min. 0.25-inch DensDeck Prime installed with Siplast *Parafast-IA* applied in ribbons spaced 12-inch o.c.	*Torched Ply* or *Torched Ply2*	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap* or Veral Aluminum or Copper torch applied	-90 (Lim. 7)
S-A-5	G22, L6, F2W, S12	-	Min. 1.5-inch *Approved Insulation*	Min. 1/2-inch DensDeck Prime or SECUROCK through fastened with *Parafast* at 32 per 4 ft x 8 ft board	*Adhered Base* fully adhered in SFT Adhesive	OPTIONAL *Adhered Base* fully adhered in SFT Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in SFT Adhesive	-82.5 (Lim. 7)
S-A-6	G22, L6, F3W, S12	-	Min. 1.5-inch *Approved Insulation*	Min. 1/2-inch DensDeck Prime through fastened with *Parafast* at 32 per 4 ft x 8 ft board	*Adhered Base* fully adhered in SFT Adhesive	OPTIONAL *Adhered Base* fully adhered in SFT Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in SFT Adhesive	-96 (Lim. 7)
S-A-7	G22, L6, F1W, S24	-	Min. 1.5-inch *Approved Insulation*	Min. 1/2-inch DensDeck Prime through fastened with *Parafast XHD* at 32 per 4 ft x 8 ft board. Plates are primed with ASTM D 41 primer	Paradiene 20 SA self-adhered	OPTIONAL *Mopped Ply*, *Torched Ply* or *Torched Ply2*	*Torched Cap*	-97.5 (Lim. 7)
S-A-8	G20, L6, F2W, S12	-	Min. 1.5-inch *Approved Insulation*	Min. 1/2-inch SECUROCK through fastened with *Parafast* at 32 per 4 ft x 8 ft board	*Adhered Base* fully adhered in SFT Adhesive	OPTIONAL *Adhered Base* fully adhered in SFT Adhesive	Paradiene 30 FR or Paradiene 30 HT FR fully adhered in SFT Adhesive	-120 (Lim. 7)

This evaluation report is provided for State of Florida product approval under Rule 61G20-3. The manufacturer shall notify CREEK Technical Services, LLC of any product changes or quality assurance changes throughout the duration for which this report is valid. This evaluation report does not express nor imply warranty, installation, recommended use, or other product attributes that are not specifically addressed herein.

CREEK Technical Services, LLC — SIPLAST, INC. SBS Modified Roofing Systems **APPENDIX B**

Assemblies with Adhered Membranes over Insulated *Wood Deck* (New, Existing or Recover)

System No.	Deck Detail	Base Insulation	Top Insulation	Base Sheet	Ply Sheet	Cap Sheet	MDP (psf)
W-AM-1	T19/32P, L24, N6/6	-	-	Parabase Plus P fastened with 12ga x 1-1/4" ring shank nails and 12ga x 1-5/8" on laps installed 6-inch o.c. in the laps, 6-inch o.c. in three (3) staggered rows in the field of the roll	Paradiene 20 SA self-adhered	Paradiene 30 FR TG torch adhered	-37.5[1] (Lim. 9) Non-HVHZ
W-AM-2	T19/32P, L24, N6/6	Min. 1.5-inch *Approved Insulation*	Min. 1/2-inch SECUROCK through fastened with *Parafast* at 24 per 4 ft x 8 ft board	Paradiene 20 SA self-adhered to PA-1125 primed board	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap*	-52.5 (Lim. 7)
W-AM-3	T19/32P, L24, N6/6	Min. 1.5-inch *Approved Insulation*	Min. 1/2-inch DensDeck Prime through fastened with *Parafast* at 24 per 4 ft x 8 ft board	Paradiene 20 SA self-adhered	OPTIONAL *Torched Ply* or *Torched Ply2*	*Torched Cap*	-52.5 (Lim. 7)

Notes: 1) For New and Existing decks only

END OF REPORT

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PRODUCT APPROVAL - MODIFIED BITUMEN ROOFING — A1 NTS

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I CERTIFY TO THE BEST OF MY KNOWLEDGE THAT THESE DRAWINGS COMPLY W/ ALL RELEVANT BUILDING CODES

FGA PROJECT NUMBER 19039

ISSUE DATE 05-25-20

SHEET NUMBER PA-8

05-27-20 Jeff Pelszynski P:\2019\19028_Pasco FS 42\Dwgs\Sheets\PRODUCT APPROVAL\19028_PA-7-8.dwg