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TGFU.R19184 Roofing Systems

Roofing Systems

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VOLATILE FREE INC
19500 JANACEK CT
BROOKFIELD, WI 53045 USA

R19184

SPRAY APPLIED FOAM AND COATING SYSTEMS

Class A

1. Deck: NC

Incline: ½

Insulation: — Spray application of "VFI-730" (nominal 2.75-lb/ft³), any thickness

Surfacing: — "VFI-540 FR POLY GRAY" (components A and B) applied at 2½-gal/sq. (nominal 40-mils)

2. Deck: NC

Incline: 1

Foamed Plastic: — Spray application of "VFI 730" (2.75- lb/ft³), any thickness

Base Coat: — "VFI 601 FR Base Coat" applied at 1.5-gal/100-ft²

Surfacing: — "VFI 600 FR Top Coat" applied at 1.5-gal/100-ft²

Surfacing (optional): — Broadcast application of No. 11 ceramic coated granules applied at a rate of 30 to 50-lbs/100-ft².

3. Deck: NC

Incline: 1½

Foamed Plastic: — Spray application of "VFI 730" (nominal 2.75- lb/ft³)

Base Coat: — Isothermal Protective Coatings Inc. "Acrylink G Base Coat" applied at 1.6-gal/100-ft²

Top Coat: — Isothermal Protective Coatings Inc. "Acrylink G Base Coat" applied at 1.6-gal/100-ft²

Surfacing (optional): — Broadcast application of No. 11 ceramic coated granules applied at a rate of 30 to 50-lbs/100-ft²

4. Deck: NC

Incline: 2½

Foamed Plastic: — Spray application of "VFI 730" (nominal 2.75-lb/ft³), any thickness.

Base Coat: — "VFI-990 Silicone Dark Grey" or "VFI-990 Silicone Medium Grey" or "VFI-990 Silicone Light Grey" or "VFI-990 Silicon White" applied at ¾-gal/100-ft² or Coating and Foam Solutions LLC's "Poly-Sil™ 2000" or "Poly-Sil™ 2200 VC" or "Poly-Sil™ 2500" silicone applied at ¾-gal/100-ft².

Surfacing: — "VFI-990 Silicone Dark Grey" or "VFI-990 Silicone Medium Grey" or "VFI-990 Silicone Light Grey" or "VFI-990 Silicone White." applied at ¾-gal/100-ft² or Coating and Foam Solutions LLC's "Poly-Sil™ 2500" silicone applied at ¾-gal/100-ft².

Surfacing (optional): — Broadcast application of No. 11 ceramic coated granules applied at a rate of 30 to 50-lbs/100-ft².

5. Deck: NC

Incline: 3

Foamed Plastic: — Spray application of "VFI 730" (nominal 2.75-lb/ft³), any thickness.

Base Coat: — "VFI-990 Silicone Dark Grey" or "VFI-990 Silicone Medium Grey" or "VFI-990 Silicone Light Grey" or "VFI-990 Silicon White." applied at ¾-gal/100-ft².

Surfacing: — "VFI-990 Silicone Dark Grey" or "VFI-990 Silicone Medium Grey" or "VFI-990 Silicone Light Grey" or "VFI-990 Silicon White." applied at ¾-gal/100-ft².

Surfacing (optional): — Broadcast application of No. 11 ceramic coated granules applied at a rate of 30 to 50-lbs/100-ft².

6. Deck: NC

Incline: 1

Foamed Plastic: — Spray application of 2-in. thick Foam Enterprises "FE-303".

Surfacing: — "VFI-540FR Aluminum" or "VFI-540FR Copper" Components A & B applied at 2½-gal/100-ft² (40 mils).

7. Deck: NC

Incline: 1/2

Foamed Plastic: — Spray application of "VFI-730" (nominal 2.75-lb/ft³), any thickness

Base Coat: — "VFI-540R Poly Black" or "VFI-540R Poly Grey" or "VFI-540R Poly Light Grey" applied at 1-gal/100-ft² (16-mils).

Surfacing: — "VFI-990 Silicone White" applied at 1-1/2-gal/100-ft².

Surfacing (optional): — Broadcast application of No. 11 ceramic coated granules applied at a rate of 30 to 50-lbs/100-ft².

8. Deck: NC

Incline: ¼

Foamed Plastic Insulation: — "VFI-727" (2.0 to 3.0-lb/ft.³), any thickness.

Surfacing: — "VFI-540 FR POLY ALUMINUM" (components A and B) applied at 2½-gal/100-ft² (nominal 40-mils).

9. Deck: C-15/32

Incline: ¼

Barrier Board: — Minimum ¼-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard" or minimum ¼-in. thick United States Gypsum Co. "SECUROCK® Roof Board" (Type FRX-G) or "SECUROCK® Glass-Mat Roof Board" (Type SGMRX) mechanically fastened with all butt joints staggered a minimum of 6-in. from the plywood deck butt joints.

Foamed Plastic Insulation (optional): — "VFI-727" (2.0 to 3.0-lb/ft.³), any thickness.

Surfacing: — "VFI-540 FR POLY ALUMINUM" (components A and B) applied at 2½-gal/100-ft² (nominal 40-mils).

10. Deck: NC

Incline: 2

Foamed Plastic Insulation: — "VFI-727" (2.0 to 3.0-lb/ft.³), any thickness.

Base Coat: — "VFI-990 Silicone Dark Grey" or "VFI-990 Silicone Medium Grey" or "VFI-990 Silicone Light Grey" or "VFI-990 Silicone Tan" or "VFI-990 Silicone White" applied at 1½ to 2½-gal/100-ft².

Surfacing: — "VFI-990 Silicone Dark Grey" or "VFI-990 Silicone Medium Grey" or "VFI-990 Silicone Light Grey" or "VFI-990 Silicone Tan" or "VFI-990 Silicone White" applied at 1½ to 2½-gal/100-ft².

Surfacing (optional): — Broadcast application of No. 11 ceramic coated granules applied at a rate of 30 to 50-lbs/100-ft².

11. **Deck:** C-15/32

Incline: 2

Barrier Board: — Minimum ¼-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard" or minimum ¼-in. thick United States Gypsum Co. "SECUROCK® Roof Board" (Type FRX-G) or "SECUROCK® Glass-Mat Roof Board" (Type SGMRX) mechanically fastened with all butt joints staggered a minimum of 6-in. from the plywood deck butt joints.

Foamed Plastic Insulation (optional): — "VFI-727" (2.0 to 3.0-lb/ft.³), any thickness.

Base Coat: — "VFI-990 Silicone Dark Grey" or "VFI-990 Silicone Medium Grey" or "VFI-990 Silicone Light Grey" or "VFI-990 Silicone Tan" or "VFI-990 Silicone White" applied at 1½ to 2½-gal/100-ft².

Surfacing: — "VFI-990 Silicone Dark Grey" or "VFI-990 Silicone Medium Grey" or "VFI-990 Silicone Light Grey" or "VFI-990 Silicone Tan" or "VFI-990 Silicone White" applied at 1½ to 2½-gal/100-ft².

Surfacing (optional): — Broadcast application of No. 11 ceramic coated granules applied at a rate of 30 to 50-lbs/100-ft².

12. **Deck:** NC

Incline: ½

Foamed Plastic Insulation: — "VFI-727" (2.5 to 3.0-lb/ft.³), any thickness.

Base Coat: — "VFI-540R Poly Black" applied at 1½-gal/100-ft² (24 dry mils).

Surfacing: — "VFI-990 Silicone Dark Grey" or "VFI-990 Silicone Medium Grey" or "VFI-990 Silicone Light Grey" or "VFI-990 Silicone Tan" or "VFI-990 Silicone White" applied at 1¼-gal/100-ft².

Surfacing (optional): — Broadcast application of No. 11 ceramic coated granules applied at a rate of 30 to 50-lbs/100-ft².

13. **Deck:** C-15/32

Incline: ½

Barrier Board: — Minimum ¼-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard" or minimum ¼-in. thick United States Gypsum Co. "SECUROCK® Roof Board" (Type FRX-G) or "SECUROCK® Glass-Mat Roof Board" (Type SGMRX) mechanically fastened with all butt joints staggered a minimum of 6-in. from the plywood deck butt joints.

Foamed Plastic Insulation (optional): — "VFI-727" (2.0 to 3.0-lb/ft.³), any thickness.

Base Coat: — "VFI-540R Poly Black" applied at 1½-gal/100-ft² (24 dry mils).

Surfacing: — "VFI-990 Silicone Dark Grey" or "VFI-990 Silicone Medium Grey" or "VFI-990 Silicone Light Grey" or "VFI-990 Silicone Tan" or "VFI-990 Silicone White" applied at 1¼-gal/100-ft².

Surfacing (optional): — Broadcast application of No. 11 ceramic coated granules applied at a rate of 30 to 50-lbs/100-ft².

Class C

1. **Deck:** NC

Incline: 0

Foamed Plastic: — Spray application of maximum 2-in. thick "VFI-730" (nominal 2.75-lb/ft³).

Surfacing: — "VFI-540 Poly Aluminum" applied at 2-1/2-gal/100-ft² (40-mils).

FLUID APPLIED COATING SYSTEMS

Class A

1. **Deck:** NC

Incline: No Limitation

Surfacing: — "VFI-540 US GRAY" or "VFI-540 US ALUMINUM" or "VFI-540 US COPPER" applied at 2½-gal/100-ft²

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