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Roofing Systems

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PROGRESSIVE MATERIALS L L C
540 CENTRAL CT
NEW ALBANY, IN 47150 USA

R27358

SPRAY APPLIED FOAM AND COATING SYSTEMS

The "SF 4228" and "SF 4230" spray applied foam plastic insulations are 2.8 and 3.0 densities respectively.

Class A

1. **Deck:** NC **Incline:** 1-1/2
Foam: — Dow Chemical "Voracor CY 3053", any thickness.
Base Coat: — "LS 2200 series", 1-1/2 gal/sq.
Top Coat: — "LS 2200 series", 1-1/2 gal/sq.
Surfacing: — Granules at 35 lb/sq.
2. **Deck:** NC **Incline:** 1-1/2
Foam: — BASF "81272", any thickness.
Base Coat: — "LS 2200 series", 1-1/2 gal/sq.
Top Coat: — "LS 2200 series", 1-1/2 gal/sq.
Surfacing: — Granules at 35 lb/sq.
3. **Deck:** NC **Incline:** 1-1/2
Foam: — "SF 4028", max. 3-1/4 in.
Base Coat: — "LS 2200 series", 1-1/4 gal/sq.

Top Coat: — "LS 2200 series", 1-1/4 gal/sq.
Surfacing: — Granules at 40 lb/sq.

4. **Deck:** NC **Incline:** 1/4

Foam: — "SF 4028", max. 3-1/4 in.
Base Coat: — "HS 3200 series", 1 gal/sq.
Top Coat: — "HS 3200 series", 3/4 gal/sq.
Surfacing: — Granules at 60 lb/sq.

5. **Deck:** NC **Incline:** 1/4

Foam: — "SF 4028", max. 3-1/4 in.
Base Coat: — "HS 3200 series", 1 gal/sq.
Top Coat: — "LS 2200 series", 1 gal/sq.
Surfacing: — Granules at 40 lb/sq.

6. **Deck:** NC **Incline:** 1

Foam: — "SF 4028", max. 3-1/4 in.
Base Coat: — "HS 3200 series", 1 gal/sq.
Intermediate Coat: — "LS 2200 series", 3/4 gal/sq.
Top Coat: — "LS 2200 series", 1 gal/sq.
Surfacing: — Granules at 40 lb/sq.

7. **Deck:** NC **Incline:** 1-1/2

Foam: — "SF 4128", max. 3-1/4 in.
Base Coat: — "LS 2200 series", 1-1/4 gal/sq.
Top Coat: — "LS 2200 series", 1-1/4 gal/sq.
Surfacing: — Granules at 40 lb/sq.

8. **Deck:** NC **Incline:** 1/4

Foam: — "SF 4128", max. 3-1/4 in.
Base Coat: — "HS 3200 series", 1 gal/sq.
Top Coat: — "HS 3200 series", 3/4 gal/sq.
Surfacing: — Granules at 60 lb/sq.

9. **Deck:** NC **Incline:** 1/4

Foam: — "SF 4128", max. 3-1/4 in.
Base Coat: — "HS 3200 series", 1 gal/sq.
Top Coat: — "LS 2200 series", 1 gal/sq.
Surfacing: — Granules at 40 lb/sq.

10. **Deck:** NC **Incline:** 1

Foam: — "SF 4128", max. 3-1/4 in.
Base Coat: — "HS 3200 series", 1 gal/sq.
Intermediate Coat: — "LS 2200 series", 3/4 gal/sq.
Top Coat: — "LS 2200 series", 1 gal/sq.
Surfacing: — Granules at 40 lb/sq.

11. **Deck:** NC **Incline:** 2

Foam: — "SF 4028" or "SF 4128", 3-1/4 in. max.
Base Coat: — "HS 3300 series", 2 gal/sq.
Intermediate Coat: — "LS 2200 series", 1-1/2 gal/sq.
Top Coat: — "LS 2200 series", 1-1/2 gal/sq.

- Surfacing:** — Granules at 60 lb/sq.
12. **Deck:** NC **Incline:** 1
Foam: — "SF 4028" or "SF 4128", 3-1/4 in. max.
Base Coat: — "HS 3300 series", 1 gal/sq.
Top Coat: — "LS 2200 series", 1 gal/sq
13. **Deck:** NC **Incline:** 2
Foam: — "SF 4028" or "SF 4128", 3-1/4 in. max.
Base Coat: — "HS 3300 series", 1-1/2 gal/sq.
Top Coat: — "LS 2200 series", 1 to 1-1/2 gal/sq.
Surfacing: — Granules at 40 lb/sq.
14. **Deck:** NC **Incline:** 1
Foam: — "SF 4028" or "SF 4128", 3 in. max.
Base Coat: — "HS 3300 series", 1 gal/sq.
Top Coat: — "HS 3200 series", 1 gal/sq.
15. **Deck:** NC **Incline:** 1
Foam: — "SF 4028" or "SF 4128", 3 in. max.
Base Coat: — "HS 3300 series", 1 gal/sq.
Top Coat: — "HS 3300 series", 1 gal/sq.
Surfacing: — Granules at 40 lb/sq.
16. **Deck:** NC **Incline:** 3
Foam: — "SF 4228" or "SF 4230" applied any thickness.
Base/Top Coat: — United Coatings "Diathon", at 3 gal/sq.
Surfacing: — Granules at 30 lbs/sq.
17. **Deck:** NC **Incline:** 3
Foam: — "SF 4228" or "SF 4230", any thickness.
Coating: — Two coats National Polymers "NP852" at 1-1/2 gal/sq/coat.
Surfacing: — No.11 roofing granules at # 30 lb/sq.
18. **Deck:** NC **Incline:** 3
Foam: — "SF 4228" or "SF 4230", any thickness.
Coating: — General Electric "SCM3400 Series" at 3 gal/sq.
Surfacing: — No.11 roofing granules at # 30 lb/sq.
19. **Deck:** NC **Incline:** 3
Foam: — "SF 4228" or "SF 4230", any thickness.
Coating: — LaPolla"TF 1000" or "TF 750" applied at 3 gal/sq.
Surfacing: — No. 11 ceramic coated roofing granules, 30 lb/sq.
20. **Deck:** NC **Incline:** 2
Foam: — "SF 4228" or "SF 4230", any thickness.
Base Coat: — United "Elastuff 101" or "FE Coat 2000 Series Base Coat" at 2 gal/sq/coat.
Top Coat: — United "Elastuff 102" or "FE Coat 2000 Series Top Coat" at 2 gal/sq/coat.
21. **Deck:** NC **Incline:** 1/2
Foam: — "SF 4228" or "SF 4230", any thickness.

- Coating:** — Volatile Free "VFI-540FR Aluminum" or "VFI-540FR Copper" at 2-1/2 gal/sq. (40 mil)
22. **Deck:** NC **Incline:** 1/2
Foam: — "SF 4228" or "SF 4230", any thickness.
Base Coat: — Two coats Neogard "7419", 1-1/2 - 2 gal/sq total both coats.
Surfacing: — Neogard "70611", 1 gal/sq.
23. **Deck:** NC **Incline:** 2-1/2
Foam: — "SF 4228" or "SF 4230", any thickness.
Base Coat: — "Elastocoat S-5000 Series" or Neogard 7860.01 at 1-1/2 gal/sq.
Top Coat: — "Elastocoat S-5000 Series" or Neogard 7860.01 at 1-1/2 gal/sq.
24. **Deck:** NC **Incline:** 1/2
Foam: — "SF 4228" or "SF 4230", any thickness.
Base Coat: — Neogard 70620 at 2 gal/sq.
Top Coat: — Neogard 70611 at 1 gal/sq.
25. **Deck:** NC **Incline:** 2
Foam: — "SF 4228" or "SF 4230", any thickness.
Base Coat: — LaPolla TF1000 at 1-1/2 gal/sq.
Top Coat: — LaPolla TF1000 at 1-1/2 gal/sq.
26. **Deck:** NC **Incline:** 2-1/2
Foam: — "SF 4228" or "SF 4230", 4 in.
Base Coat: — Two coats General Electric "SCM 3300 Series", at 1-1/2 gal/sq/coat.
27. **Deck:** NC **Incline:** 2
Foam: — "SF 4228" or "SF 4230", any thickness.
Base/Top Coat: — United Coatings "Diathon", at 3 gal/sq.
28. **Deck:** NC **Incline:** 2
Foam: — "SF 4228" or "SF 4230", any thickness.
Coating: — Two coats National Polymers "NP852" at 1-1/2 gal/sq/coat.
29. **Deck:** NC **Incline:** 2 -1/2
Foam: — "SF 4228" or "SF 4230", any thickness.
Coating: — General Electric "SCM3400 Series" at 3 gal/sq.
30. **Deck:** NC **Incline:** 1-1/2
Foam: — "SF 4228" or "SF 4230", any thickness.
Base Coat: — "LS 2200 series", 1-1/4 gal/sq.
Top Coat: — "LS 2200 series", 1-1/4 gal/sq.
Surfacing: — Granules at 35 lb/sq.
31. **Deck:** NC **Incline:** 1-1/2
Foam: — BASF "FE348 Series", "ELASTOSPRAY 81255," "81275," "81285," "81305," or "81325", any thickness.
Base Coat: — "LS 2200 series", 1-1/4 gal/sq.
Top Coat: — "LS 2200 series", 1-1/4 gal/sq.
Surfacing: — Granules at 35 lb/sq.
32. **Deck:** NC **Incline:** 3-1/2
Foam: — Premium Spray Products "Premiseal 250, 280 or 300", any thickness.

- Base Coat:** — "LS 2200 series", 1-1/4 gal/sq.
Top Coat: — "LS 2200 series", 1-1/4 gal/sq.
33. **Deck:** NC **Incline:** Unlimited
Foam: — Premium Spray Products "Premiseal 250, 280 or 300", any thickness.
Base Coat: — "LS 2200 series", 1-1/4 gal/sq.
Top Coat: — "LS 2200 series", 1-1/4 gal/sq.
Surfacing: — Granules at 35 lbs./sq.
34. **Deck:** NC **Incline:** 3-1/2
Foam: — Premium Spray Products "Premiseal 250, 280 or 300", any thickness.
Base Coat: — "HS 3200 series", 1 gal/sq.
Top Coat: — "HS 3200 series", 3/4 gal/sq.
35. **Deck:** NC **Incline:** Unlimited
Foam: — Premium Spray Products "Premiseal 250, 280 or 300", any thickness.
Base Coat: — "HS 3200 series", 1 gal/sq.
Top Coat: — "HS 3200 series", 3/4 gal/sq.
Surfacing: — Granules at 35 lbs./sq.
36. **Deck:** NC **Incline:** Unlimited
Foam: — Bayer Material Science LLC "S245-25/30," "Bayseal 2.5," "Bayseal 2.7," or "Bayseal 3.0" (product designation may be suffixed by "F," "S," "SS," "FW," or "W"), any thickness.
Base Coat: — "LS 2200 series", 1-1/4 gal/sq.
Top Coat: — "LS 2200 series", 1-1/4 gal/sq.
Surfacing: — Granules at 35 lbs./sq.
37. **Deck:** NC **Incline:** Unlimited
Foam: — Bayer Material Science LLC "S245-25/30," "Bayseal 2.5," "Bayseal 2.7," or "Bayseal 3.0" (product designation may be suffixed by "F," "S," "SS," "FW," or "W"), any thickness.
Base Coat: — "HS 3200 series", 1 gal/sq.
Top Coat: — "HS 3200 series", 3/4 gal/sq.
Surfacing: — Granules at 35 lbs./sq.
38. **Deck:** NC **Incline:** Unlimited
Foam: — Lapolla Industries Inc "LPA2500", "LPA2800", "LPA3000", "LPA2500", "LPA2800" or "LPA3000", any thickness.
Base Coat: — "LS 2200 series", 1-1/4 gal/sq.
Top Coat: — "LS 2200 series", 1-1/4 gal/sq.
Surfacing: — Granules at 35 lbs./sq.
39. **Deck:** NC **Incline:** 4
Foam: — Lapolla Industries Inc "LPA2500", "LPA2800", "LPA3000", "LPA2500", "LPA2800" or "LPA3000", any thickness.
Base Coat: — "HS 3200 series", 1 gal/sq.
Top Coat: — "HS 3200 series", 3/4 gal/sq.
Surfacing: — Granules at 35 lbs./sq.
40. **Deck:** NC **Incline:** Unlimited
Foam: — BASF Corp. "FE348-2.8", any thickness.

Base Coat: — "LS2200 series" at 1-1/4 gal/sq.
Top Coat: — "LS2200 series" at 1-1/4 gal/sq.
Surfacing: — No. 11 granules at 30 lbs/sq.

41. **Deck:** NC **Incline:** 4

Foam: — BASF Corp. "FE348-2.8", any thickness.
Base Coat: — "HS3200 series" at 1 gal/sq.
Top Coat: — "HS3200 series" at 1 gal/sq.
Surfacing: — No. 11 granules at 30 lbs/sq.

42. **Deck:** NC **Incline:** Unlimited

Foam: — "SF 4228", any thickness.
Base Coat: — "LS2200 series" at 1-1/4 gal/sq.
Top Coat: — "LS2200 series" at 1-1/4 gal/sq.
Surfacing: — No. 11 granules at 30 lbs/sq.

43. **Deck:** NC **Incline:** 4

Foam: — "SF 4228", any thickness.
Base Coat: — "HS3200 series" at 1 gal/sq.
Top Coat: — "HS3200 series" at 1 gal/sq.
Surfacing: — No. 11 granules at 30 lbs/sq.

Class B

1. **Deck:** C-15/32 **Incline:** 1/2

Foam: — "SF 4228" or "SF 4230", 1 in. min.
Base Coat: — United Coatings "Diathon", 1-1/2 gal/sq.
Top Coat: — United Coatings "Diathon", 1-1/2 gal/sq.
Surfacing: — Roofing granules, 35 lbs/sq.

2. **Deck:** C-15/32 **Incline:** 1/2

Foam: — "SF 4228" or "SF 4230", 1 in. min.
Coating: — Two coats National Polymers "NP852" at 1-1/2 gal/sq/coat.
Surfacing: — No.11 roofing granules at # 30 lb/sq.

3. **Deck:** C-15/32 **Incline:** 1/2

Existing Roof System: — Class A, B or C gravel or smooth surfaced BUR (gravel may be removed).
Foam: — "SF 4228" or "SF 4230", 1 in. min thickness.
Coating: — LaPolla"TF 1000" or "TF 750" applied at 3 gal/sq.
Surfacing: — No. 11 ceramic coated roofing granules applied at 30 lb/sq.

4. **Deck:** C-15/32 **Incline:** 1/2

Foam: — "SF 4228" or "SF 4230" 1 in. min.
Base Coat: — BASF "FE Coat 1000," United Coatings "Diathon", National Polymers "NP852", BASF "3-5000," or Neogard "7850-01," 1-1/2 gal/sq.
Top Coat: — BASF "FE Coat 1000," United Coatings "Diathon," National Polymers "NP852", BASF "3-5000," or Neogard "7850-01," 1-1/2 gal/sq.
Surfacing (optional): — Roofing granules, 35 lbs/sq.

5. **Deck:** C-15/32 **Incline:** 1

Foam: — BASF Corp. "FE348-2.8", 1 in. minimum thickness.
Base Coat: — "LS2200 series" at 1-1/4 gal/sq.

Foam: — "SF 4228" or "SF 4230", 3 in. thick.

Base Coat: — United Coatings "Diathon", applied at 1-1/2 gal/sq.

Top Coat: — United Coatings "Diathon", applied at 1-1/2 gal/sq.

Surfacing: — No. 11 roofing granules at 30 lbs/sq.

5. **Deck:** NC

Incline: See Note 1

Existing Roof System: — Any TPO single ply membrane system

Base Coat: — "HS 3200 series", 2 gal/sq

Note 1: Classification (A, B or C) and maximum 3-1/2 in incline for membrane manufacturer's insulated or uninsulated Roofing Systems (TGFU) Certification.

65. **Deck:** NC

Incline: See Note 1

Existing Roof System: — Any PVC or TPA single ply membrane system

Base Coat: — "HS 3200 series", 2 gal/sq

Note 1: Classification (A, B or C) and maximum 2-1/2 in incline for membrane manufacturer's insulated or uninsulated Roofing Systems (TGFU) Certification

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