

# Built-Up Roof Covering Materials

See General Information for Built-Up Roof Covering Materials

**PROGRESSIVE MATERIALS L L C**  
540 CENTRAL CT  
NEW ALBANY, IN 47150-7223 USA

R27358

## MAINTENANCE AND REPAIR SYSTEMS

### Class A, B or C

#### 1. Deck: NC

**Incline:** 1:24 max

**Existing Roof System:** — (To maintain existing Classifications) — Any Class A, B or C, uncoated, insulated or uninsulated, modified bitumen membrane or Type G3 mineral surfaced cap BUR system.

**Primer (Optional):** — "P-151" (Not UL Classified) or "P-160" (Not UL Classified), applied at 0.13 to 0.2 L/m<sup>2</sup>.

**Surfacing:** — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at, 0.8-L/m<sup>2</sup>.

#### 2. Deck: NC

**Incline:** See Note 1

**Existing Roof System:** — Any EPDM, Hypalon or CPA, single ply membrane system.

**Primer (Optional):** — "P-110" (Not UL Classified) or "P-151" (Not UL Classified), applied at 0.13 to 0.2 L/m<sup>2</sup>.

**Surfacing:** — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at, 0.8-L/m<sup>2</sup>.

**Note 1:** Classification (A, B or C) and 1:6 maximum in incline for membrane manufacturer's insulated or uninsulated Roof Covering Systems (TGFUC) Certification.

#### 3. Deck: NC

**Incline:** See Note 1

**Existing Roof System:** — Any TPO single ply membrane system.

**Primer (Optional):** — "P-151" (Not UL Classified), applied at 0.13 to 0.2 L/m<sup>2</sup>.

**Surfacing:** — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 0.8-L/m<sup>2</sup>.

**Note 1:** Classification (A, B or C) and maximum incline will be the same as that of the existing insulated or uninsulated membrane roof covering system Classification, but not to exceed 1:3.4 slope.

#### 4. Deck: NC

**Incline:** See Note 1

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

**Primer (Optional):** — "P-151" (Not UL Classified), applied at 0.13 to 0.2 L/m<sup>2</sup>.

**Surfacing:** — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 0.8-L/m<sup>2</sup>.

**Note 1:** Classification (A, B or C) and maximum incline will be the same as that of the existing insulated or uninsulated membrane roof covering system Classification, but not to exceed 1:4.8 max slope.

#### 5. Deck: NC

**Incline:** 1:3.4 max, See Note 1

**Existing Roof System:** — Any Class A, B or C, ULC Classified metal panel system.

**Primer (Optional):** — "P-130" (Not UL Classified), applied at 0.13 to 0.2 L/m<sup>2</sup>.

**Surfacing:** — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 0.8-L/m<sup>2</sup>.

**Note 1:** Classification (A, B or C) and maximum incline will be the same as that of the existing metal panel system Classification, but not to exceed 1:3.4 slope.

6. **Deck:** C-12 mm

**Incline:** 1:24 max

**Existing Roof System:** — (To maintain existing Classifications) - Any Class A, B or C, uncoated, insulated or uninsulated, modified bitumen membrane or Type G3 mineral surfaced cap BUR system.

**Primer (Optional):** — <sup>2</sup>.

**Surfacing:** — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 0.8-L/m<sup>2</sup>.

7. **Deck:** C-12 mm

**Incline:** See Note 1

**Existing Roof System:** — Any EPDM, Hypalon or CPA, single ply membrane system.

**Primer (Optional):** — "P-110" (Not UL Classified) or "P-151" (Not UL Classified), applied at 0.13 to 0.2 L/m<sup>2</sup>.

**Surfacing:** — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 0.8-L/m<sup>2</sup>.

**Note 1:** Classification (A, B or C) and 1:6 maximum in incline for membrane manufacturer's insulated or uninsulated Roof Covering Systems (TGFUC) Certification.

8. **Deck:** C-12 mm

**Incline:** See Note 1

**Existing Roof System:** — Any TPO single ply membrane system.

**Primer (Optional):** — "P-151" (Not UL Classified), applied at 0.13 to 0.2 L/m<sup>2</sup>.

**Surfacing:** — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 0.8-L/m<sup>2</sup>.

**Note 1:** Classification (A, B or C) and maximum incline will be the same as that of the existing insulated or uninsulated membrane roof covering system Classification, but not to exceed 1:3.4 slope.

9. **Deck:** C-12 mm

**Incline:** See Note 1

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

**Primer (Optional):** — "P-151" (Not UL Classified), applied at 0.13 to 0.2 L/m<sup>2</sup>.

**Surfacing:** — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 0.8-L/m<sup>2</sup>.

**Note 1:** Classification (A, B or C) and maximum incline will be the same as that of the existing insulated or uninsulated membrane roof covering system Classification, but not to exceed 1:4.8 max slope.

10. **Deck:** C-12 mm

**Incline:** 1:3.4 max, See Note 1

**Existing Roof System:** — Any Class A, B or C, ULC Classified metal panel system.

**Primer (Optional):** — "P-130" (Not UL Classified), applied at 0.13 to 0.2 L/m<sup>2</sup>.

**Surfacing:** — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 0.8-L/m<sup>2</sup>.

**Note 1:** Classification (A, B or C) and maximum incline will be the same as that of the existing metal panel system Classification, but not to exceed 1:3.4 slope.

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PROGRESSIVE MATERIALS L L C

540 CENTRAL CT

NEW ALBANY, IN 47150-7223 United States

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## Roofing Systems

See General Information for Roofing Systems

PROGRESSIVE MATERIALS L L C

R27358

540 CENTRAL CT

NEW ALBANY, IN 47150-7223 USA

### 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.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2.

Base Coat: — "LS 2200 series", applied at 1-1/2 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1-1/2 gal/100-ft.2

Surfacing: — Granules at 35 lbs/100-ft.2

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

Foam: — BASF "81272", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "LS 2200 series", applied at 1-1/2 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1-1/2 gal/100-ft.2

Surfacing: — Granules at 35 lbs./100-ft.2.

3. Deleted.

4. Deleted.

5. Deleted.



6. Deleted.

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

Foam: — "SF 4128", maximum 3-1/4 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 40 lbs./100-ft.2

8. Deck: NC Incline: 1/4

Foam: — "SF 4128", maximum 3-1/4 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 series", applied at 3/4 gal/100-ft.2

Surfacing: — Granules at 60 lbs./100-ft.2

9. Deck: NC Incline: 1/4

Foam: — "SF 4128", maximum 3-1/4 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 series" or "HS 3200 - HB series", applied at 1 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1 gal/100-ft.2

Surfacing: — Granules at 40 lbs./100-ft.2

10. Deck: NC Incline: 1

Foam: — "SF 4128", maximum 3-1/4 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 series" or "HS 3200 - HB series", applied at 1 gal/100-ft.2

Intermediate Coat: — "LS 2200 series", applied at 3/4 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1 gal/100-ft.2

Surfacing: — Granules at 40 lbs./100-ft.2

11. Deleted.

12. Deleted.

13. Deleted.

14. Deleted.

15. Deleted.

16. Deck: NC Incline: 3

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base/Top Coat: — GAF "United Coatings™ Diathon® Roof Coating", applied, at 3 gal/100-ft.2

Surfacing: — Granules at 30 lbs/100-ft.2

17. Deck: NC Incline: 3

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Coating: — National Polymers "NP852", applied at 3 gal/100-ft.2

Surfacing: — No.11 roofing granules at 30 lbs./100-ft.2

18. Deck: NC Incline: 3

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Coating: — General Electric "SCM3400 Series" applied at 3 gal/100-ft.2

Surfacing: — No.11 roofing granules at 30 lbs./100-ft.2.

19. Deck: NC Incline: 3

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Coating: — LaPolla "TF 1000" or "TF 750", applied at 3 gal/100-ft.2

Surfacing: — No. 11 ceramic coated roofing granules at 30 lbs./100-ft.2

20. Deck: NC Incline: 2

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — GAF "United Coatings™ Elastuff® 101 Base Roof Coating" or BASF "FE Coat 2000 Series Base Coat", applied at 2 gal/100-ft.2

Top Coat: — BASF "FE Coat 2000 Series Top Coat", applied at 2 gal/100-ft.2

21. Deck: NC Incline: 1/2

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Coating: — Volatile Free Inc. "VFI-540FR Aluminum" or "VFI-540FR Copper", applied at 2-1/2 gal/100-ft.2 (40 mil)

22. Deck: NC Incline: 1/2

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — Neogard "7419", applied at 1-1/2 to 2 gal/100-ft.2

Surfacing: — Neogard "70611", applied at 1 gal/100-ft.2

23. Deck: NC Incline: 2-1/2

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — BASF "Elastocoat S-5000 Series" or Neogard "7860.01", applied at 1-1/2 gal/100-ft.2

Top Coat: — BASF "Elastocoat S-5000 Series" or Neogard "7860.01", applied at 1-1/2 gal/100-ft.2

24. Deck: NC Incline: 1/2

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — Neogard "70620", applied at 2 gal/100-ft.2

Top Coat: — Neogard "70611", applied at 1 gal/100-ft.2

25. Deck: NC Incline: 2

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — LaPolla "TF1000", applied at 1-1/2 gal/100-ft.2

Top Coat: — LaPolla "TF1000", applied at 1-1/2 gal/100-ft.2

26. Deck: NC Incline: 2-1/2

Foam: — "SF 4228" or "SF 4230", 4 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — General Electric "SCM 3300 Series", applied at 3 gal/100-ft.2

27. Deck: NC Incline: 2

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base/Top Coat: — GAF "United Coatings™ Diathon® Roof Coating", applied at 3 gal/100-ft.2

28. Deck: NC Incline: 2

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Coating: — National Polymers "NP852", applied at 3 gal/100-ft.2

29. Deck: NC Incline: 2 -1/2

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Coating: — General Electric "SCM3400 Series", applied at 3 gal/100-ft.2

30. Deck: NC Incline: 1-1/2

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs./100-ft.2

31. Deck: NC Incline: 1-1/2

Foam: — BASF "FE348", "FE348-2.5", "FE348-2.7", "FE348-2.8", "FE348-3.0", "FE348-3.2", "ELASTOSPRAY 81255", "ELASTOSPRAY 81275", "ELASTOSPRAY 81285", "ELASTOSPRAY 81305", "ELASTOSPRAY 81325" or "ELASTOSPRAY ALPHA System", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2



Base Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs./100-ft.2

32. Deck: NC Incline: 3-1/2

Foam: — — Accella Polyurethane Systems LLC "Premiseal 250", "Premiseal 280" or "Premiseal 300", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

33. Deck: NC Incline: Unlimited

Foam: — Accella Polyurethane Systems LLC "Premiseal 250", "Premiseal 280" or "Premiseal 300", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs./100-ft.2

34. Deck: NC Incline: 3-1/2

Foam: — Accella Polyurethane Systems LLC "Premiseal 250", "Premiseal 280" or "Premiseal 300", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 series", applied at 3/4 gal/100-ft.2

35. Deck: NC Incline: Unlimited

Foam: — Accella Polyurethane Systems LLC "Premiseal 250", "Premiseal 280" or "Premiseal 300", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 series", applied at 3/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs/100-ft.2

36. Deck: NC Incline: Unlimited

Foam: — Accella Polyurethane Systems 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.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs./100-ft.2

37. Deck: NC Incline: Unlimited

Foam: — Accella Polyurethane Systems 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.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 series", applied at 3/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs/100-ft.2

38. Deck: NC Incline: Unlimited

Foam: — Lapolla Industries Inc "LPA2500", "LPA2800", "LPA3000", "LPA2500", "LPA2800" or "LPA3000", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs./100-ft.2

39. Deck: NC Incline: 4

Foam: — Lapolla Industries Inc "LPA2500", "LPA2800", "LPA3000", "LPA2500", "LPA2800" or "LPA3000", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 series", applied at 3/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs/100-ft.2

40. Deck: NC Incline: Unlimited

Foam: — BASF "FE348", "FE348-2.5", "FE348-2.7", "FE348-2.8", "FE348-3.0", "FE348-3.2", "ELASTOSPRAY 81255", "ELASTOSPRAY 81275", "ELASTOSPRAY 81285", "ELASTOSPRAY 81305", "ELASTOSPRAY 81325" and "ELASTOSPRAY ALPHA System", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

41. Deck: NC Incline: 4

Foam: — BASF "FE348", "FE348-2.5", "FE348-2.7", "FE348-2.8", "FE348-3.0", "FE348-3.2", "ELASTOSPRAY 81255", "ELASTOSPRAY 81275", "ELASTOSPRAY 81285", "ELASTOSPRAY 81305", "ELASTOSPRAY 81325" and "ELASTOSPRAY ALPHA System", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 series", applied at 1 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

42. Deck: NC Incline: Unlimited

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

43. Deck: NC Incline: 4

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 series", applied at 1 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

44. Deck: NC Incline: 1-1/2

Foam: — BASF "FE348", "FE348-2.5", "FE348-2.7", "FE348-2.8", "FE348-3.0", "FE348-3.2", "ELASTOSPRAY 81255", "ELASTOSPRAY 81275", "ELASTOSPRAY 81285", "ELASTOSPRAY 81305", "ELASTOSPRAY 81325" and "ELASTOSPRAY ALPHA System", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — BASF "ELASTOCOAT S-5001-L", applied at 1-1/4 gal/100-ft.2

Top Coat: — BASF "ELASTOCOAT S-5001-L", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs./100-ft.2

45. Deck: NC Incline: 1-1/2

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — BASF "ELASTOCOAT S-5001-L", applied at 1-1/4 gal/100-ft.2

Top Coat: — BASF "ELASTOCOAT S-5001-L", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs./100-ft.2

46. Deck: NC Incline: Unlimited

Foam: — BASF "FE348", "FE348-2.5", "FE348-2.7", "FE348-2.8", "FE348-3.0", "FE348-3.2", "ELASTOSPRAY 81255", "ELASTOSPRAY 81275", "ELASTOSPRAY 81285", "ELASTOSPRAY 81305", "ELASTOSPRAY 81325" and "ELASTOSPRAY ALPHA System", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — BASF "ELASTOCOAT S-5001-L", applied at 1-1/4 gal/100-ft.2

Top Coat: — BASF "ELASTOCOAT S-5001-L", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

47. Deck: NC Incline: Unlimited

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — BASF "ELASTOCOAT S-5001-L", applied at 1-1/4 gal/100-ft.2

Top Coat: — BASF "ELASTOCOAT S-5001-L", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

48. Deck: NC Incline: 4

Foam: — BASF "FE348", "FE348-2.5", "FE348-2.7", "FE348-2.8", "FE348-3.0", "FE348-3.2", "ELASTOSPRAY 81255", "ELASTOSPRAY 81275", "ELASTOSPRAY 81285", "ELASTOSPRAY 81305", "ELASTOSPRAY 81325" and "ELASTOSPRAY ALPHA System", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — BASF "ELASTOCOAT S-5001-H", applied at 1 gal/100-ft.2

Top Coat: — BASF "ELASTOCOAT S-5001-H", applied at 1 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2



49. Deck: NC

Incline: 4

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — BASF "ELASTOCOAT S-5001-H", applied at 1 gal/100-ft.2

Top Coat: — BASF "ELASTOCOAT S-5001-H", applied at 1 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

50. Deck: NC

Incline: Unlimited

Foam: — "SF 4325", "SF 4328" or "SF 4330", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "LS 2200 Series", applied at 1-1/4 gal/100-ft.2

Top Coat: — "LS 2200 Series", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs./100-ft.2

51. Deck: NC

Incline: 4

Foam: — "SF 4325", "SF 4328" or "SF 4330", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 Series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 Series", applied at 3/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs/100-ft.2

52. Deck: NC

Incline: 1/4

Foam: — "SF 4128", maximum 3-1/4 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 - HB series", applied at 3/4 gal/100-ft.2

Surfacing: — Granules at 60 lbs./100-ft.2

53. Deck: NC

Incline: 3-1/2

Foam: — Accella Polyurethane Systems LLC "Premiseal 250", "Premiseal 280" or "Premiseal 300", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 - HB series", applied at 3/4 gal/100-ft.2

54. Deck: NC Incline: Unlimited

Foam: — Accella Polyurethane Systems LLC "Premiseal 250", "Premiseal 280" or "Premiseal 300", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 - HB series", applied at 3/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs./100-ft.2

55. Deck: NC Incline: Unlimited

Foam: — Accella Polyurethane Systems 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.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 - HB series", applied at 3/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs./100-ft.2

56. Deck: NC Incline: 4

Foam: — Lapolla Industries Inc "LPA2500", "LPA2800", "LPA3000", "LPA2500", "LPA2800" or "LPA3000", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 - HB series", applied at 3/4 gal/100-ft.2

Surfacing: — Granules at 35 lbs./100-ft.2

57. Deck: NC Incline: 4

Foam: — BASF "FE348", "FE348-2.5", "FE348-2.7", "FE348-2.8", "FE348-3.0", "FE348-3.2", "ELASTOSPRAY 81255", "ELASTOSPRAY 81275", "ELASTOSPRAY 81285", "ELASTOSPRAY 81305", "ELASTOSPRAY 81325" and "ELASTOSPRAY ALPHA System", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

58. Deck: NC

Incline: 4

Foam: — "SF 4228" or "SF 4230", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

59. Deck: NC

Incline: 4

Foam: — "SF 4325", "SF 4328" or "SF 4330", any thickness.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Surfacing: — Granules at 35 lbs./100-ft.2

Class B

1. Deck: C-15/32

Incline: 1/2

Foam: — "SF 4228" or "SF 4230", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — GAF "United Coatings™ Diathon® Roof Coating", applied at 1-1/2 gal/100-ft.2

Top Coat: — GAF "United Coatings™ Diathon® Roof Coating", applied at 1-1/2 gal/100-ft.2

Surfacing: — Roofing granules, 35 lbs/100-ft.2

2. Deck: C-15/32

Incline: 1/2

Foam: — "SF 4228" or "SF 4230", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Coating: — National Polymers "NP852", applied at 3 gal/100-ft.2

Surfacing: — No.11 roofing granules at 30 lbs./100-ft.2

3. Deck: C-15/32

Incline: 1/2

Foam: — "SF 4228" or "SF 4230", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Coating: — LaPolla"TF 1000" or "TF 750" applied at 3 gal/100-ft.2

Surfacing: — No. 11 ceramic coated roofing granules applied at 30 lbs./100-ft.2

4. Deck: C-15/32

Incline: 1/2

Foam: — "SF 4228" or "SF 4230", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — BASF "FE Coat 1000," GAF "United Coatings™ Diathon® Roof Coating", National Polymers "NP852", BASF "3-5000" or Neogard "7850-01", applied at 1-1/2 gal/100-ft.2

Top Coat: — BASF "FE Coat 1000" or GAF "United Coatings™ Diathon® Roof Coating" or National Polymers "NP852", BASF "3-5000" or Neogard "7850-01," applied at 1-1/2 gal/100-ft.2

Surfacing (optional): — Roofing granules, 35 lbs/100-ft.2

5. Deck: C-15/32

Incline: 1

Foam: — BASF "FE348", "FE348-2.5", "FE348-2.7", "FE348-2.8", "FE348-3.0", "FE348-3.2", "ELASTOSPRAY 81255", "ELASTOSPRAY 81275", "ELASTOSPRAY 81285", "ELASTOSPRAY 81305", "ELASTOSPRAY 81325" and "ELASTOSPRAY ALPHA System", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

6. Deck: C-15/32

Incline: 1

Foam: — BASF "FE348", "FE348-2.5", "FE348-2.7", "FE348-2.8", "FE348-3.0", "FE348-3.2", "ELASTOSPRAY 81255", "ELASTOSPRAY 81275", "ELASTOSPRAY 81285", "ELASTOSPRAY 81305", "ELASTOSPRAY 81325" and "ELASTOSPRAY ALPHA System", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 series", applied at 1 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

7. Deck: C-15/32

Incline: 1

Foam: — "SF 4228" or "SF 4230", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Top Coat: — "LS 2200 series", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2



8. Deck: C-15/32

Incline: 1

Foam: — "SF 4228" or "SF 4230", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 series", applied at 1 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

9. Deck: C-15/32

Incline: 1

Foam: — BASF "FE348", "FE348-2.5", "FE348-2.7", "FE348-2.8", "FE348-3.0", "FE348-3.2", "ELASTOSPRAY 81255", "ELASTOSPRAY 81275", "ELASTOSPRAY 81285", "ELASTOSPRAY 81305", "ELASTOSPRAY 81325" and "ELASTOSPRAY ALPHA System", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — BASF "ELASTOCOAT S-5001-L", applied at 1-1/4 gal/100-ft.2

Top Coat: — BASF "ELASTOCOAT S-5001-L", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

10. Deck: C-15/32

Incline: 1

Foam: — "SF 4228" or "SF 4230", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — BASF "ELASTOCOAT S-5001-L", applied at 1-1/4 gal/100-ft.2

Top Coat: — BASF "ELASTOCOAT S-5001-L", applied at 1-1/4 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

11. Deck: C-15/32

Incline: 1

Foam: — BASF "FE348", "FE348-2.5", "FE348-2.7", "FE348-2.8", "FE348-3.0", "FE348-3.2", "ELASTOSPRAY 81255", "ELASTOSPRAY 81275", "ELASTOSPRAY 81285", "ELASTOSPRAY 81305", "ELASTOSPRAY 81325" and "ELASTOSPRAY ALPHA System", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — BASF "ELASTOCOAT S-5001-H", applied at 1 gal/100-ft.2

Top Coat: — BASF "ELASTOCOAT S-5001-H", applied at 1 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

12. Deck: C-15/32

Incline: 1

Foam: — "SF 4228" or "SF 4230", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — BASF "ELASTOCOAT S-5001-H", applied at 1 gal/100-ft.2

Top Coat: — BASF "ELASTOCOAT S-5001-H", applied at 1 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

13. Deck: C-15/32

Incline: 1

Foam: — BASF "FE348", "FE348-2.5", "FE348-2.7", "FE348-2.8", "FE348-3.0", "FE348-3.2", "ELASTOSPRAY 81255", "ELASTOSPRAY 81275", "ELASTOSPRAY 81285", "ELASTOSPRAY 81305", "ELASTOSPRAY 81325" and "ELASTOSPRAY ALPHA System", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

14. Deck: C-15/32

Incline:

Foam: — "SF 4228" or "SF 4230", minimum 1 in. thick.

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Base Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Top Coat: — "HS 3200 - HB series", applied at 1 gal/100-ft.2

Surfacing: — Granules at 30 lbs./100-ft.2

#### MAINTENANCE AND REPAIR SYSTEMS

Class A, B or C

1. Deck: NC

Incline: 1/2

Existing Roof System: — (To maintain existing Classifications) - Any Class A, B or C, uncoated, insulated or uninsulated, modified bitumen membrane or Type G3 mineral surfaced cap BUR system.

Primer (Optional): — "P-151" (Not UL Classified) or "P-160" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Surfacing: — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 2 gal/100-ft.2

2. Deck: NC

Incline: See Note 1

Existing Roof System: — Any EPDM, Hypalon or CPA, single ply membrane system.

Primer (Optional): — "P-110" (Not UL Classified) or "P-151" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Surfacing: — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 2 gal/100-ft.2

Note 1: Classification (A, B or C) and maximum 2 in incline for membrane manufacturer's insulated or uninsulated Roof Covering Systems (TGfU) Certification.

3. Deck: C-15/32

Incline: 2

Existing Roof System: — Class A, B or C gravel or smooth surfaced BUR (loose gravel may be removed) to maintain existing Classification.

Barrier board: — Minimum 1/4 in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roof Board".

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

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

Base Coat: — GAF "United Coatings™ Diathon® Roof Coating", applied at 1-1/2 gal/100-ft.2

Top Coat: — GAF "United Coatings™ Diathon® Roof Coating", applied at 1-1/2 gal/100-ft.2

Surfacing: — No. 11 roofing granules at 30 lbs/100-ft.2

4. Deck: NC

Incline: 2

Existing Roof System: — Class A, B or C gravel or smooth surfaced BUR (loose gravel may be removed).

Primer (Optional): — "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

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

Base Coat: — GAF "United Coatings™ Diathon® Roof Coating", applied at 1-1/2 gal/100-ft.2

Top Coat: — GAF "United Coatings™ Diathon® Roof Coating", applied at 1-1/2 gal/100-ft.2

Surfacing: — No. 11 roofing granules at 30 lbs/100-ft.2

5. Deck: NC

Incline: See Note 1

Existing Roof System: — Any TPO single ply membrane system

Primer (Optional): — "P-151" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Surfacing: — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 2 gal/100-ft.2

Note 1: Classification (A, B or C) and maximum incline will be the same as that of the existing insulated or uninsulated membrane roofing system Classification, but not to exceed 3-1/2 in. slope.

6. Deck: NC

Incline: See Note 1

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

Primer (Optional): — "P-151" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Surfacing: — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 2 gal/100-ft.2

Note 1: Classification (A, B or C) and maximum incline will be the same as that of the existing insulated or uninsulated membrane roofing system Classification, but not to exceed 2-1/2 in. slope.

7. Deck: NC Incline: 3-1/2, See Note 1

Existing Roof System: — Any Class A, B or C, UL Classified metal panel system.

Primer (Optional): — "P-130" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Surfacing: — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 2 gal/100-ft.2

Note 1: Classification (A, B or C) and maximum incline will be the same as that of the existing metal panel system Classification, but not to exceed 3-1/2 in. slope.

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

Existing Roof System: — (To maintain existing Classifications) - Any Class A, B or C, uncoated, insulated or uninsulated, modified bitumen membrane or Type G3 mineral surfaced cap BUR system.

Primer (Optional): — "P-151" (Not UL Classified) or "P-160" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Surfacing: — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 2 gal/100-ft.2

9. Deck: C-15/32 Incline: See Note 1

Existing Roof System: — Any EPDM, Hypalon or CPA, single ply membrane system.

Primer (Optional): — "P-110" (Not UL Classified) or "P-151" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Surfacing: — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 2 gal/100-ft.2

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

10. Deck: C-15/32 Incline: See Note 1

Existing Roof System: — Any TPO single ply membrane system.

Primer (Optional): — "P-151" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Surfacing: — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 2 gal/100-ft.2

Note 1: Classification (A, B or C) and maximum incline will be the same as that of the existing insulated or uninsulated membrane roofing system Classification, but not to exceed 3-1/2 in. slope.

11. Deck: C-15/32 Incline: See Note 1

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

Primer (Optional): — "P-151" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Surfacing: — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 2 gal/100-ft.2



Note 1: Classification (A, B or C) and maximum incline will be the same as that of the existing insulated or uninsulated membrane roof covering system Classification, but not to exceed 2-1/2 in. slope.

12. Deck: C-15/32

Incline: 3-1/2, See Note 1

Existing Roof System: — Any Class A, B or C, UL Classified metal panel system.

Primer (Optional): — "P-130" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.2

Surfacing: — "HS 3200 series", "LS 2200 series" or "HS 3200 - HB series", applied at 2 gal/100-ft.2

Note 1: Classification (A, B or C) and maximum incline will be the same as that of the existing metal panel system Classification, but not to exceed 3-1/2 in. slope.

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