

TGFU.R9303 - ROOFING SYSTEMS

Roofing Systems

See General Information for Roofing Systems

SWD URETHANE CO

R9303

540 S Drew ST

MESA, AZ 85210 USA

"SWD 525b" (2.5 or 3.0-lb/ft.³) may be used as an alternate to "SWD 525" (2.5 or 3.0-lb/ft.³) in any of the systems listed below. "SWD 5256" (2.0 - lb/ft.³) may be used as an alternate to "SWD 526" (2.5 or 3.0-lb/ft.³) and "SWD 525" (2.4 or 3.0-lb/ft.³) in any of the noncombustible roof deck (NC) systems listed below.

Minimum 1/2-in. thick gypsum wallboard or minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard" barrier board products. May be used in any existing noncombustible roof deck Classification. When this is done, the resulting roof covering system is acceptable for use over minimum 15/32-in. thick plywood combustible roof decks. The butt joints in the barrier board must be staggered a minimum of 6-in. from plywood roof deck butt joints.

The use of a 4 in. wide polyester tape to cover the flutes may be utilized in any of the following noncombustible roof deck ratings.

As an option, systems that do not require No. 11 roofing granules may incorporate roofing granules or SWD Urethane Ever-Gard Roof Mix, (40 lb dry mix, 4-1/2 gal water and 1/2 gal Rohm & Haas MC-76 Acrylic resin with 3/4 oz Colloid 60, applied per 1 100-ft.² batch over No. 6 crushed limestone (64-lb/100-ft.² embedded into wet base coat without affecting this classification).

Systems utilizing "SWD 1929" and "1929F" acrylic coating as a surfacing may be surfaced with an additional coat of the same applied at 1-gal/100-ft.² into which #11 roofing granules are broadcast at a rate of 30-lb/100-ft.²

The "SWD Quik-Shield 125" foamed plastic is acceptable for use in any of the following combustible or noncombustible roof deck spray foam systems.

MAINTENANCE AND REPAIR SYSTEMS

Class A, B and C

1. Deck: NC

Incline: 4

Existing Roof System: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 115" (2.5 or 3.0-lb/ft.³) or "SWD 115b" (2.5 or 3.0-lb/ft.³), any thickness.

Coating: — "SWD 1929F", 2-gal./100-ft.² in one or two coats followed immediately by the broadcast application of No. 11 roofing granules applied at 30-lbs/100-ft.²

Surfacing: — "SWD 1929F", 1-gal./100-ft.²

2. Deck: NC

Incline: 4

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 115" (2.5 or 3.0-lb/ft.³) or "SWD 115b" (2.5 or 3.0-lb/ft.³), any thickness.

Coating: — "SWD 1929F", 3-gal/100-ft.²

Surfacing: — No. 11 roofing granules applied at 30-lbs/100-ft.² imbedded in wet coating.

3. Deck: NC

Incline: 2

Existing roof system: — Class A, B or C roof covering system to retain its present classification when covered with:

Foam: — "SWD 115" (2.5 or 3.0-lb/ft.³) or "SWD 115b" (2.5 or 3.0-lb/ft.³), any thickness.

Coating: — "SWD 1929F", 2 gal/100-ft.²

4. Deck: NC

Incline: Unlimited

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 525" (2.5 or 3.0-lb/ft.³), any thickness.

Coating: — "SWD 1929F", 2-gal/100-ft.² in one or two coats followed immediately by No. 11 roofing granules at 30-lbs/100-ft.².

Surfacing: — "SWD 1929F", 1-gal/100-ft.².

5. Deck: NC

Incline: Unlimited

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 525" (2.5 or 3.0-lb/ft.³), any thickness.

Coating: — "SWD 1929F", 2-gal/100-ft.² in one or two coats followed immediately by 3/8 in. river rock at 70-lbs/100-ft.².

Surfacing: — "SWD 1929F", 1-gal/100-ft.².

6. Deck: NC

Incline: Unlimited

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 525" (2.5 or 3.0-lb/ft.³), any thickness.

Coating: — "SWD 1929F", 3-gal/100-ft.² in two coats followed by No. 11 roofing granules at 50-lbs/100-ft.² imbedded in wet coating.

7. Deck: NC

Incline: 1

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 115, 115b, 250, 250b, 525 or 525b" (2.5 or 3.0-lb/ft.³), any thickness.

Coating (optional): — "SWD 1929" or "SWD 1929F" at 2-gal/100-ft.² or any UL classified fibered Asphalt coating at 3-gal/100-ft.² followed immediately with:

Surfacing: — Gravel or slag.

8. Deck: NC

Incline: 1-1/2

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 525" (2.5 or 3.0-lb/ft.³) or "SWD 525b" (2.5 or 3.0-lb/ft.³), 2 in. thick.

Base coat: — One or two applications Gaco Western LLC "Gacoflex UB-6499" at 1.2 gal/100-ft.²/application (14 to 28 dry mils).

Top coat: — "SWD 1929F" at 1-1/2 gal/100-ft.² (12 dry mils).

Surfacing (Optional): — No. 11 roofing granules at 50-lbs/100-ft.².

9. Deck: NC

Incline: 1

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 525" (2.5 or 3.0-lb/ft.³) or "SWD 525b" (2.5 or 3.0-lb/ft.³), 2 in. thick

Base coat: — One or two applications Gaco Western LLC "Gacoflex Ure-shield 6006" at 1.35-gal./100-ft.²/application (14 to 28 dry mils).

Top coat: — Gaco Western LLC "Gacoflex Ure-shield 6006" at 1-1/2 gal./100-ft.² (16 dry mils).

Surfacing (optional): — No. 11 roofing granules at 50-lbs/100-ft.².

10. Deck: NC

Incline: 2

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 525" (2.5 or 3.0-lb/ft.³) or "SWD 525b" (2.5 or 3.0-lb/ft.³), 2-in. thick

Base coat: — One or two applications Gaco Western LLC "Gacoflex Ure-CapII 6810" or "Gacoflex Ure-Cap 6800" Series at 1-1/4 gal./100-ft.²/application (14 to 28 dry mils).

Top coat: — "SWD 1929F" at 1-1/2 gal./100-ft.² (12 dry mils).

Surfacing (Optional): — No. 11 roofing granules at 50-lbs/100-ft.².

11. Deck: NC

Incline: 1

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 525" (2.5 or 3.0-lb/ft.³) or "SWD 525b" (2.5 or 3.0-lb/ft.³), 2 in. thick

Base coat: — One or two applications Gaco Western LLC "Gacoflex Ure-CapII 6810" or "Gacoflex Ure-Cap 6800" Series at 1-1/4 gal./100-ft.²/application (14 to 28 dry mils).

Top coat: — Gaco Western LLC "Gacoflex Ure-Cap 6800" Series at 1-1/4 gal./100-ft.² (14 dry mils).

Surfacing (Optional): — No. 11 roofing granules at 50-lbs/100-ft.².

12. Deck: C-15/32

Incline: 1

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 115, 115b, 250, 250b, 525 or 525b" (2.5 or 3.0-lb/ft.³), minimum 1-in. thick.

Coating (Optional): — "SWD 1929" or "SWD 1929F" at 2-gal./100-ft.² or UL classified fibered Asphalt coating at 3-gal./100-ft.² followed immediately with:

Surfacing: — Gravel or slag.

13. **Deck:** NC

Incline: 1/2

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 525b" (2.5 or 3.0-lb/ft.³), any thickness.

Base Coat: — One application Polydyne Inc. "30-0750", at 1-1/2 gal./100-ft.².

Top Coat: — "SWD 1929F", 1-1/2 gal./100-ft.² followed immediately with No. 11 roofing granules at 30-lb/100-ft.² imbedded in wet coating.

14. **Deck:** NC

Incline: 1/2

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 525b" (2.5 or 3.0-lb/ft.³), any thickness.

Coating: — Polydyne Inc. "20-0100", at 3-gal/100-ft.² followed immediately with No. 11 roofing granules at 30-lb/100-ft.² imbedded in wet coating.

15. **Deck:** NC

Incline: 1

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWDb" (2.5 or 3.0-lb/ft.³), any thickness.

Coating: — Two or more coats National Coating Corp "Acryshield", at 2 to 4-gal/100-ft.².

Surfacing (Optional): — No. 11 roofing granules applied in wet top coat at 30-lb/100-ft.².

16. **Deck:** NC

Incline: 2

Existing roof system: — Class A, B or C roofing system to retain its present classification when covered with:

Foam: — "SWD 115" (2.5 or 3.0-lb/ft.³), "SWD 115b" (2.5 or 3.0-lb/ft.³), "SWD 525" (2.5 or 3.0) or "SWD 525b" (2.5 or 3.0), any thickness.

Coating: — "SWD 1929F", 2 gal/100-ft.².

17. **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): — Progressive Materials LLC "P-151" (Not UL Classified) or "P-160" (Not UL Classified), applied at 1/3 to 1/2-gal./100-ft.²

Surfacing: — "QS 2120 Series" or "QS 2110 Series" applied at 2-gal./100-ft.²

18. **Deck:** NC

Incline: See Note 1

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

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

Surfacing: — "QS 2120 Series" or "QS 2110 Series" applied at 2-gal./100-ft.²

Note 1: Classification (A, B or C) and maximum incline of 2:12 for membrane manufacturer's insulated or uninsulated Roof Covering Systems (TGfU) Certification.

19. **Deck:** NC

Incline: See Note 1

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

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

Surfacing: — "QS 2120 Series" or "QS 2110 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 3-1/2:12.

20. **Deck:** NC

Incline: See Note 1

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

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

Surfacing: — "QS 2120 Series" or "QS 2110 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 2-1/2:12.

21. **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): — Progressive Materials LLC "P-130" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.²

Surfacing: — "QS 2120 Series" or "QS 2110 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 3-1/2:12.

22. **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): — Progressive Materials LLC "P-151" (Not UL Classified) or "P-160" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.²

Surfacing: — "QS 2120 Series" or "QS 2110 Series" applied at 2-gal./100-ft.²

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

Incline: See Note 1

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

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

Surfacing: — "QS 2120 Series" or "QS 2110 Series" applied at 2-gal./100-ft.²

Note 1: Classification (A, B or C) and maximum incline of 2-12:12 for membrane manufacturer's insulated or uninsulated Roofing Systems (TGfU) Certification.

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

Incline: See Note 1

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

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

Surfacing: — "QS 2120 Series" or "QS 2110 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 3-1/2:12.

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

Incline: See Note 1

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

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

Surfacing: — "QS 2120 Series" or "QS 2110 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 2-1/2:12.

26. **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): — Progressive Materials LLC "P-130" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.²

Surfacing: — "QS 2120 Series" or "QS 2110 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 3-1/2:12.

Class B

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

Incline: 2

Existing roof system: — Class A or B covered with:

Foam: — "SWD 525" (2.5 or 3.0-lb/ft.³), 1 to 4 in. thick

Coating: — "SWD 1929F", 2-gal./100-ft.² in one or two coats followed immediately by No. 11 roofing granules at 30-lbs/100-ft.².

Surfacing: — "SWD 1929F", 1-gal/100-ft.².

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

Incline: Unlimited

Existing Roof System: — Class A or B covered with:

Foam: — "SWD 525" (2.5 or 3.0-lb/ft.³), 1 to 4 in. thick

Coating: — "SWD 1929F", 2-gal./100-ft.² in one or two coats followed immediately by 3/8 in. diameter river rock at 70-lbs/100-ft.².

Surfacing: — "SWD 1929F", 1-gal./100-ft.²

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

Incline: 2

Existing Roof System: — Class A or B covered with:

Foam: — "SWD 525" (2.5 or 3.0-lb/ft.³), 1-in. thick minimum.

Coating: — "SWD 1929F", 3-gal./100-ft.² in two coats followed by No. 11 roofing granules at 50-lbs/100-ft.² imbedded in wet coating.

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

Incline: 1/2

Existing roof system: — Class A or B roofing system to retain its present classification when covered with:

Foam: — "SWD 525b" (2.5 or 3.0-lb/ft.³), 1-in. thick minimum.

Base Coat: — Polydyne Inc. "30-0750", at 1-1/2 gal./100-ft.².

Top Coat: — "SWD 1929F", 1-1/2 gal./100-ft.² followed immediately with No. 11 roofing granules at 30-lb/100-ft.² imbedded in wet coating.

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

Incline: 1/4

Existing roof system: — Class A or B built-up roofing system (gravel may be removed) to retain its present classification when covered with:

Foam: — "SWD 525b" (2.5 or 3.0-lb/ft.³), 1-in. thick minimum.

Base Coat: — Polydyne Inc. "30-0750", at 1-1/2 gal./100-ft.².

Top Coat: — "SWD 1929F", 1-1/2 gal./100-ft.² followed immediately with No. 11 roofing granules at 30-lb/100-ft.² imbedded in wet coating.

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

Incline: 1/2

Existing roof system: — Class A or B roofing system to retain its present classification when covered with:

Foam: — "SWD 525b" (2.5 or 3.0-lb/ft.³), 1 in. thick minimum.

Coating: — Polydyne Inc. "20-0100", at 3-gal./100-ft.² followed immediately with No. 11 roofing granules at 30-lb/100-ft.² imbedded in wet coating.

SPRAY APPLIED FOAM AND COATING SYSTEMS

Class A

1. **Deck:** NC

Incline: 4

Foam: — "SWD 115" (2.5 or 3.0-lb/ft.³) or "SWD 115b" (2.5 or 3.0-lb/ft.³), any thickness.

Coating: — "SWD 1929F", 2 gal/100-ft.² in one or two coats followed immediately by No. 11 roofing granules at 30-lbs/100-ft.².

Surfacing: — "SWD 1929F", 1-gal/100-ft.².

2. **Deck:** NC

Incline: 4

Foam: — "SWD 115" (2.5 or 3.0-lb/ft.³) or "SWD 115b" (2.5 or 3.0-lb/ft.³), any thickness.

Coating: — "SWD 1929F", 3-gal/100-ft.².

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

3. **Deck:** NC

Incline: 2

Foam: — "SWD 115" (2.5 or 3.0-lb/ft.³) or "SWD 115b" (2.5 or 3.0-lb/ft.³), any thickness.

Coating: — "SWD 1929F", 2-gal/100-ft.².

4. **Deck:** NC

Incline: 1

Foam: — "SWD 115" (2.5 or 3.0-lb/ft.³) or "SWD 115b" (2.5 or 3.0-lb/ft.³), 2 to 3-in. thick

Surfacing: — Two coats GAF "United Coatings™ Diathon® Roof Coating", 3-gal./100-ft.².

5. **Deck:** NC

Incline: 1/2

Foam: — "SWD 115x" (2.5 or 3.0-lb/ft.³) or "SWD 115b" (2.5 or 3.0-lb/ft.³), 1 to 2 in. thick

Coating: — Gaco Western LLC "Gacoflex A-5411", 1-1/4 gal/100-ft.².

Surfacing: — Gaco Western LLC "Gacoflex A-5400", 1-gal/100-ft.².

6. **Deleted.**

7. Deck: NC**Incline:** 1**Foam:** — "SWD 250" (2.0 or 2.5-lb/ft.³) or "SWD 250b" (2.0 or 2.5-lb/ft.³), any thickness.**Surfacing:** — Gaco Western LLC "U66(A & B)", 2-gal/100-ft.².**8. Deck:** NC**Incline:** Unlimited**Foam:** — "SWD 525" (2.5 or 3.0-lb/ft.³), any thickness.**Coating:** — "SWD 1929F", 2-gal/100-ft.² followed immediately by No. 11 roofing granules at 30-lbs/100-ft.².**Surfacing:** — "SWD 1929F", 1-gal/100-ft.².**9. Deck:** NC**Incline:** Unlimited**Foam:** — "SWD 525" (2.5 or 3.0-lb/ft.³), any thickness.**Surfacing:** — "SWD 1929F", 3-gal/100-ft.² followed immediately by No. 11 roofing granules at 50-lbs/100-ft.² imbedded in wet coating.**10. Deck:** NC**Incline:** Unlimited**Foam:** — "SWD 525" (2.5 or 3.0-lb/ft.³), any thickness.**Coating:** — "SWD 1929F", 1-1/2 gal/100-ft.² followed immediately by 3/8 in. river rock at 70-lbs/100-ft.².**Surfacing:** — "SWD 1929F", 1-1/2 gal/100-ft.².**11. Deck:** NC**Incline:** 1**Foam:** — "SWD 115, 115b, 250, 250b, 525 or 525b" (2.5 or 3.0-lb/ft.³) any thickness.**Coating (Optional):** — "SWD 1929" or "SWD 1929F", at 2-gal/100-ft.² or UL classified fibered Asphalt coating at 3-gal/100-ft.² followed immediately with:**Surfacing:** — Gravel or slag.**12. Deck:** NC**Incline:** 1-1/2**Foam:** — "SWD 525" (2.5 or 3.0-lb/ft.³) or "SWD 525b" (2.5 or 3.0-lb/ft.³), 2-in. thick**Base coat:** — One or two applications Gaco Western LLC "Gacoflex UB-6499", at 1.2 gal/100-ft.²/application (14 to 28 dry mils).**Top coat:** — "SWD 1929F", at 1-1/2 gal/100-ft.² (12 dry mils).**Surfacing (Optional):** — No. 11 roofing granules at 50-lbs/100-ft.².**13. Deck:** NC**Incline:** 1**Foam:** — "SWD 525"(2.5 or 3.0-lb/ft.³) or "SWD 525b" (2.5 or 3.0-lb/ft.³), 2 in.**Base coat:** — One or two applications Gaco Western LLC "Gacoflex Ure-shield 6006", at 1.35 gal/100-ft.²/application (14 to 28 dry mils).**Top coat:** — Gaco Western LLC "Gacoflex Ure-shield 6006", at 1-1/2 gal/100-ft.² (16 dry mils).**Surfacing (optional):** — No. 11 roofing granules at 50-lbs/100-ft.².**14. Deck:** NC**Incline:** 2**Foam:** — "SWD 525" (2.5 or 3.0-lb/ft.³) or "SWD 525b" (2.5 or 3.0-lb/ft.³), 2-in. thick**Base coat:** — One or two applications Gaco Western LLC "Gacoflex Ure-CapII 6810" or "Gacoflex Ure-Cap 6800" Series, at 1-1/4 gal/100-ft.²/application (14 to 28 dry mils).**Top coat:** — "SWD 1929F", at 1-1/2 gal/100-ft.² (12 dry mils).**Surfacing (Optional):** — No. 11 roofing granules at 50-lbs/100-ft.².**15. Deck:** NC**Incline:** 2**Foam:** — "SWD 525" (2.5 or 3.0-lb/ft.³) or "SWD 525b" (2.5 or 3.0-lb/ft.³), 2 in. thick**Base coat:** — One or two applications Gaco Western LLC "Gacoflex Ure-CapII 6810" or "Gacoflex Ure-Cap 6800" Series, at 1-1/4 gal/100-ft.²/application (14 to 28 dry mils).**Top coat:** — Gaco Western LLC "Gacoflex Ure-Cap 6800" Series, at 1-1/4 gal/100-ft.² (14 dry mils).**Surfacing (Optional):** — No. 11 roofing granules at 50-lbs/100-ft.².**16. Deck:** C-15/32**Incline:** 1**Foam:** — "SWD 115, 115b, 250, 250b, 525 or 525b (2.5 or 3.0-lb/ft.³)", minimum 1-in. thick.**Coating (Optional):** — "SWD 1929 or SWD 1929F", at 2-gal/100-ft.² or UL classified fibered Asphalt coating at 3 gal/100-ft.² followed immediately with:

Surfacing: — Gravel or slag.

17. **Deck:** NC

Incline: 1/2

Foam: — "SWD 525b", any thickness.

Base Coat: — Polydyne Inc. "30-0750", applied at 1-1/2 gal/100-ft.².

Top Coat: — Polydyne Inc. "40-0200" Series, applied at 1-1/2 gal/100-ft.².

18. **Deck:** NC

Incline: 3

Foam: — "SWD 525b", any thickness.

Base Coat: — Polydyne "20-0100" or "20-0200" Series, applied at 1-1/2 gal/100-ft.².

Top Coat: — Polydyne "20-0100" or "20-0200" Series, applied at 1-1/2 gal/100-ft.².

19. **Deck:** NC

Incline: 2-1/2

Foam: — "SWD 525b", any thickness.

Base Coat: — Polydyne "30-0750", applied at 1-1/2 gal/100-ft.².

Top Coat: — Polydyne "20-0100" or "20-0200" Series, applied at 1-1/2 gal/100-ft.².

20. **Deck:** NC

Incline: 3

Foam: — "SWD 525b", any thickness.

Base Coat: — Polydyne "40-0300" Series, applied at 1-1/2 gal/100-ft.².

Top Coat: — Polydyne "40-0300" Series, applied at 1-1/2 gal/100-ft.².

21. **Deck:** NC

Incline: 2

Foam: — "SWD 525b", any thickness.

Base Coat: — Polydyne "30-0750", applied at 1-1/2 gal/100-ft.².

Top Coat: — Polydyne "40-0300" Series, applied at 1-1/2 gal/100-ft.².

22. **Deck:** NC

Incline: 2

Foam: — "SWD 525b", any thickness.

Base Coat: — Polydyne "30-0100", applied at 2 gal/100-ft.².

Top Coat: — Polydyne "20-0100" or "20-0200" Series, applied at 1-1/2 gal/100-ft.².

23. **Deck:** NC

Incline: 1

Foam: — "SWD 525b", any thickness.

Base Coat: — Polydyne "20-0200" Series, applied at 1-1/2 gal/100-ft.².

Top Coat: — Polydyne "20-0200" Series, applied at 1-1/2 gal/100-ft.².

24. **Deck:** NC

Incline: 1/2

Foam: — "SWD 525b (2.5 or 3.0-lb/ft.³)", any thickness.

Base Coat: — One application Polydyne Inc. "30-0750", at 1-1/2 gal/100-ft.².

Top Coat: — "SWD 1929F", 1-1/2 gal/100-ft.² followed immediately with No. 11 roofing granules, at 30-lb/100-ft.² imbedded in wet coating.

25. **Deck:** NC

Incline: 1/2

Foam: — "SWD 525b (2.5 or 3.0-lb/ft.³)", any thickness.

Coating: — Polydyne Inc. "20-0100", at 3-gal/100-ft.² followed immediately with No. 11 roofing granules at 30-lb/100-ft.² imbedded in wet coating.

26. **Deck:** NC

Incline: 2

Foam: — "SWD 525b (2.5 or 3.0-lb/ft.³)", any thickness.

Coating: — Two or more coats National Coating Corp "Acryshield", at 2 to 4-gal/100-ft.².

Surfacing (Optional): — No. 11 roofing granules applied in wet top coat at 30-lb/100-ft.².

27. **Deck:** NC

Incline: 2

Foam: — "SWD 115 (2.5 or 3.0-lb/ft.³)", "SWD 115b (2.5 or 3.0-lb/ft.³)", "SWD 525 (2.5 or 3.0-lb/ft.³)" or "SWD 525b (2.5 or 3.0-lb/ft.³)", any thickness.

Coating: — "SWD 1929F", 2 gal/100-ft.².

28. Deck: C-15/32

Incline: 2

Barrier board: — Minimum 1/2-in. thick Gypsum wallboard, or minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard", with a butt joints in the barrier board offset a minimum of 6-in. with butt joints in the plywood roof deck

Foam: — "SWD 250 (2.0 or 3.0-lb/ft.³)" or "SWD 250b (2.5 or 32.5 -lb/ft.³)", minimum 1-in. thick

Surfacing: — "SWD 1929F", at 3-gal/100-ft.² followed by No. 11 roofing granules at 50-lbs/100-ft.² imbedded in wet coating.

29. Deck: C-15/32

Incline: Unlimited

Barrier board: — Minimum 1/2-in. thick Gypsum wallboard, or minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard", with a butt joints in the barrier board offset a minimum of 6-in. with butt joints in the plywood roof deck.

Foam: — "SWD 115b (2.5 or 3.0-lb/ft.³)" or "SWD 525b (2.5 or 3.0-lb/ft.³)", minimum 1-in. thick.

Coating: — "SWD 1929F", at 2-gal/100-ft.² followed immediately by No. 11 roofing granules at 30-lbs/100-ft.².

Surfacing: — "SWD 1929F", 1-gal/100-ft.².

30. Deck: C-15/32

Incline: Unlimited

Barrier board: — Minimum 1/2 in. thick Gypsum wallboard, or minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard", with a butt joints in the barrier board offset a minimum of 6-in. with butt joints in the plywood roof deck

Foam: — "SWD 115b (2.5 or 3.0-lb/ft.³)" or "SWD 525b (2.5 or 3.0-lb/ft.³)", minimum 1-in. thick

Coating: — "SWD 1929F", at 3-gal/100-ft.² followed immediately by No. 11 roofing granules at 50-lbs/100-ft.² imbedded in wet coating.

31. Deck: C-15/32

Incline: 2

Barrier board: — Minimum 1/2-in. thick Gypsum wallboard, or minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard", with a butt joints in the barrier board offset a minimum of 6-in. with butt joints in the plywood roof deck

Foam: — "SWD 525b (2.5 or 3.0-lb/ft.³)", minimum 1-in. thick.

Coating: — "SWD 1929F", at 1-1/2 gal/100-ft.² followed immediately by 3/8 in. river rock at 70-lbs/100-ft.².

Surfacing: — "SWD 1929F", 1-1/2 gal/100-ft.².

32. Deck: C-15/32

Incline: 1/2

Barrier board: — Minimum 1/2 in. thick Gypsum wallboard, or minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard", with a butt joints in the barrier board offset a minimum of 6-in. with butt joints in the plywood roof deck.

Foam: — "SWD 525b (2.5 or 3.0-lb/ft.³)", minimum 1-in. thick.

Coating: — "SWD 1929F", at 1-1/2 gal/100-ft.² followed immediately by No. 11 roofing granules at 30-lbs/100-ft.².

33. Deck: N/C

Incline: 1-1/2

Foam: — "SWD 525b (2.0 or 3.0-lb/ft.³)", any thickness.

Surfacing: — 2 coats Wacker Chemical "Elastosil 335", Dow Chemical "3-5000" or GE "3300", 1-1/2 gal/100-ft.² coat.

34. Deck: N/C

Incline: 2

Foam: — "SWD 525b (2.0 or 3.0-lb/ft.³)", any thickness.

Coating: — "Ever-Gard" cementitious dry mix, 40-lb mixed with 4-1/2 gal water and 1/2 gal "Acrylic Resin" with 3/4 oz "Colloid 60", applied at one 100-ft.² per batch.

Surfacing: — River bottom stone (3/4 to 1-1/2 in. diameter) at 1000-lbs/100-ft.².

35. Deck: C-15/32

Incline: Unlimited

Foam : — "SWD 525b", any thickness.

Base Coat : — "Ever-Gard" at 1-1/4 gal/100-ft.².

Top Coat : — "Ever-Gard" at 1-1/4 gal/100-ft.² with No. 6 crushed limestone at 64-lb/100-ft.² embedded in the wet coating.

Surfacing : — "Ever-Gard" roof mix, 40-lb dry mix, 4-1/2 gal water and 1/2 gal "MC-76 Acrylic Resin" with 3/4 oz Young Builders "Colloid 60" applied at one square per batch.

36. Deck: NC **Incline:** 2 **Impact:** 1
Foam: — "SWD 525" or "SWD 525b", any thickness.
Base/Top Coat: — "SWD 1929 F" applied at 25 mils.

37. Deck: NC **Incline:** 2 **Impact:** 3
Foam: — "SWD 525" or "SWD 525b", any thickness.
Base/Top Coat: — "SWD 1929 F" applied at 45 mils.

38. Deck: NC **Incline:** 2 **Impact:** 2
Foam: — "SWD 525b", any thickness.
Base/Top Coat: — "SWD 1929 F" applied at 25 mils.

39. Deck: NC **Incline:** 2 **Impact:** 4
Foam: — "SWD 525b", any thickness.
Base/Top Coat: — "SWD 1929 F" applied at 35 mils.

40. Deck: NC **Incline:** 2 **Impact:** 1
Foam: — "SWD 525" or "SWD 525b", any thickness.
Base Coat: — "SWD 1929 F" applied at 25 mils.
Top Coat: — "Ever-Gard" at 1-1/4 gal/100-ft.² with No. 6 crushed limestone at 64-lb/100-ft.² embedded in the wet coating.
Surfacing: — "Ever-Gard" roof mix, 40 lb dry mix, 4-1/2 gal water and 1/2 gal "MC-76 Acrylic Resin" with 3/4 oz Young Builders "Colloid 60" applied at one 100-ft.² per batch.

41. Deck: NC **Incline:** 2 **Impact:** 1
Foam: — "SWD 525", any thickness.
Base/Top Coat: — "SWD 1929" applied at 25 mils.

42. Deck: NC **Incline:** 2 **Impact:** 3
Foam: — "SWD 525" or "SWD 525b", any thickness.
Base/Top Coat: — "SWD 1929" applied at 35 mils.

43. Deck: NC **Incline:** 1-1/2
Foam: — Dow Chemical "Voracor CY 3053", any thickness.
Primer (Optional): — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.².
Base Coat: — "QS 2110 Series", applied at 1-1/2 gal/100-ft.²
Top Coat: — "QS 2110 Series", applied at 1-1/2 gal/100-ft.²
Surfacing: — Granules at 35-lbs/100-ft.²

44. Deck: NC **Incline:** 1-1/2
Foam: — BASF Corp. "81272", any thickness.
Primer (Optional): — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²
Base Coat: — "QS 2110 Series", applied at 1-1/2 gal./100-ft.²
Top Coat: — "QS 2110 Series", applied at 1-1/2 gal./100-ft.²
Surfacing: — Granules at 35-lbs./100-ft.².

45. Deck: NC **Incline:** 1-1/2
Foam: — Progressive Materials LLC "SF 4128", maximum 3-1/4 in. thick.
Primer (Optional): — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²
Base Coat: — "QS 2110 Series", applied at 1-1/4 gal./100-ft.²
Top Coat: — "QS 2110 Series", applied at 1-1/4 gal./100-ft.²
Surfacing: — Granules at 40-lbs./100-ft.².

46. Deck: NC**Incline:** 1/4**Foam:** — Progressive Materials LLC "SF 4128", maximum 3-1/4 in. thick.**Primer (Optional):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2120 Series", applied at 1-gal./100-ft.²**Top Coat:** — "QS 2120 Series", applied at 3/4 gal./100-ft.²**Surfacing:** — Granules at 60-lbs./100-ft.²**47. Deck:** NC**Incline:** 1/4**Foam:** — Progressive Materials LLC "SF 4128", maximum 3-1/4 in. thick.**Primer (Optional):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2120 Series" applied at 1-gal./100-ft.²**Top Coat:** — "QS 2110 Series" applied at 1-gal./100-ft.²**Surfacing:** — Granules at 40-lbs./100-ft.²**48. Deck:** NC**Incline:** 1**Foam:** — Progressive Materials LLC "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:** — "QS 2120 Series" applied at 1-gal./100-ft.²**Intermediate Coat:** — "QS 2110 Series" applied at 3/4 gal./100-ft.²**Top Coat:** — "QS 2110 Series" applied at 1-gal./100-ft.²**Surfacing:** — Granules at 40-lbs./100-ft.²**49. Deck:** NC**Incline:** 1-1/2**Foam:** — Progressive Materials LLC "SF 4228" or "SF 4230", any thickness.**Primer (Optional):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**Top Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**Surfacing:** — Granules at 35-lbs./100-ft.²**50. Deck:** NC**Incline:** 1-1/2**Foam:** — BASF Corp. "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):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**Top Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**Surfacing:** — Granules at 35-lbs./100-ft.²**51. Deck:** NC**Incline:** 3-1/2**Foam:** — Accella Polyurethane Systems LLC "Premiseal 250", "Premiseal 280" or "Premiseal 300", any thickness.**Primer (Optional):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**Top Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**52. Deck:** NC**Incline:** Unlimited**Foam:** — Accella Polyurethane Systems LLC "Premiseal 250", "Premiseal 280" or "Premiseal 300", any thickness.**Primer (Optional):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**Top Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**Surfacing:** — Granules at 35-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):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2120 Series" applied at 1-gal./100-ft.²**Top Coat:** — "QS 2120 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):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2120 Series" applied at 1 gal./100-ft.²**Top Coat:** — "QS 2120 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):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**Top Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**Surfacing:** — Granules at 35-lbs/100-ft.²**56. 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):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2120 Series" applied at 1-gal./100-ft.²**Top Coat:** — "QS 2120 Series" applied at 3/4 gal./100-ft.²**Surfacing:** — Granules at 35-lbs/100-ft.²**57. Deck:** NC**Incline:** Unlimited**Foam:** — Lapolla Industries Inc "LPA2500", "LPA2800", "LPA3000", "LPA2500", "LPA2800" or "LPA3000", any thickness.**Primer (Optional):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**Top Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**Surfacing:** — Granules at 35-lbs./100-ft.²**58. Deck:** NC**Incline:** 4**Foam:** — Lapolla Industries Inc "LPA2500", "LPA2800", "LPA3000", "LPA2500", "LPA2800" or "LPA3000", any thickness.**Primer (Optional):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2120 Series" applied at 1-gal./100-ft.²**Top Coat:** — "QS 2120 Series" applied at 3/4 gal./100-ft.²**Surfacing:** — Granules at 35-lbs/100-ft.²**59. Deck:** NC**Incline:** Unlimited**Foam:** — BASF Corp. "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):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**Top Coat:** — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²**Surfacing:** — Granules at 30-lbs./100-ft.²**60. Deck:** NC**Incline:** 4**Foam:** — BASF Corp. "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):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²**Base Coat:** — "QS 2120 Series" applied at 1-gal./100-ft.²**Top Coat:** — "QS 2120 Series" applied at 1-gal./100-ft.²**Surfacing:** — Granules at 30-lbs./100-ft.²**61. Deck:** NC**Incline:** Unlimited**Foam:** — Progressive Materials LLC "SF 4228" or "SF 4230", any thickness.**Primer (Optional):** — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²

Base Coat: — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²

Top Coat: — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²

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

62. **Deck:** NC

Incline: 4

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

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

Base Coat: — "QS 2120 Series" applied at 1-gal./100-ft.²

Top Coat: — "QS 2120 Series" applied at 1-gal./100-ft.²

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

63. **Deck:** NC

Incline: Unlimited

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

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

Base Coat: — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²

Top Coat: — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²

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

64. **Deck:** NC

Incline: 4

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

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

Base Coat: — "QS 2120 Series" applied at 1 gal./100-ft.²

Top Coat: — "QS 2120 Series" applied at 3/4 gal./100-ft.²

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

Class B

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

Incline: 2

Foam: — "SWD 250 (2.0 or 2.5-lb/ft.³)" or "SWD 250b (2.0 or 2.5)", minimum 1-in. thick.

Surfacing: — "SWD 1929F", 3-gal/100-ft.² followed by No. 11 roofing granules at 50-lbs/100-ft.² imbedded in wet coating.

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

Incline: 2

Foam: — "SWD 525 (2.5 or 3.0-lb/ft.³)", minimum 1-in. thick.

Coating: — "SWD 1929F", 2-gal/100-ft.² followed immediately by No. 11 roofing granules at 30-lbs/100-ft.².

Surfacing: — "SWD 1929F", 1-gal/100-ft.².

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

Incline: 2

Foam: — "SWD 525 (2.5 or 3.0-lb/ft.³)", minimum 1-in. thick

Surfacing: — "SWD 1929F", 3-gal/100-ft.² followed immediately by No. 11 roofing granules at 50-lbs/100-ft.² imbedded in wet coating.

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

Incline: 2

Foam: — "SWD 525 (2.5 or 3.0-lb/ft.³)", minimum 1-in. thick

Coating: — "SWD 1929F", 1-1/2 gal/100-ft.² followed immediately by 3/8 in. diameter river rock at 70-lbs/100-ft.².

Surfacing: — "SWD 1929F", 1-1/2 gal/100-ft.².

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

Incline: 1/2

Foam: — "SWD 525 (2.5 or 3.0-lb/ft.³)", minimum 1-in. thick

Coating: — "SWD 1929F", 1-1/2 gal/100-ft.² followed immediately by No. 11 roofing granules at 30-lbs/100-ft.².

6. **Deck:** NC

Incline: 1/2

Foam: — "SWD 250 (2.0 or 2.5-lb/ft.³)" or "SWD 250b (2.0 or 2.5-lb/ft.³)", any thickness.

Coating: — "SWD 1929F", 2-gal/100-ft.².

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

Incline: 1/2

Foam: — "SWD 525b (2.5 or 3.0-lb/ft.³)", minimum 1-in. thick.

Base Coat: — Polydyne Inc. "30-0750", at 1-1/2 gal/100-ft.².

Top Coat: — "SWD 1929F", 1-1/2 gal/100-ft.² followed immediately with No. 11 roofing granules at 30-lb/100-ft.² imbedded in wet coating.

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

Incline: 1/2

Foam: — "SWD 525b (2.5 or 3.0-lb/ft.³)", minimum 1-in. thick.

Coating: — Polydyne Inc. "20-0100", Dow Chemical "3-5000" or GE "3300", at 3-gal/100-ft.² followed immediately with No. 11 roofing granules at 30-lb/100-ft.² imbedded in wet coating.

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

Incline: 1

Foam: — BASF Corp. "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): — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal./100-ft.²

Base Coat: — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²

Top Coat: — "QS 2110 Series" 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: — BASF Corp. "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): — Progressive Materials LLC "P-100" (Not UL Classified), applied at 1/3 to 1/2 gal/100-ft.²

Base Coat: — "QS 2120 Series" applied at 1-gal./100-ft.²

Top Coat: — "QS 2120 Series" applied at 1-gal./100-ft.²

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

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

Incline: 1

Foam: — Progressive Materials LLC "SF 4228" or "SF 4230", minimum 1-in. thick.

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

Base Coat: — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²

Top Coat: — "QS 2110 Series" applied at 1-1/4 gal./100-ft.²

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

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

Incline: 1

Foam: — Progressive Materials LLC "SF 4228" or "SF 4230", minimum 1-in. thick.

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

Base Coat: — "QS 2120 Series" applied at 1-gal./100-ft.²

Top Coat: — "QS 2120 Series" applied at 1-gal./100-ft.²

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

Class C

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

Incline: 1/2

Foam: — "SWD 250 (2.0 or 2.5 -lb/ft.³)" or "SWD 250b (2.0 or 2.5-lb/ft.³)", minimum 1-in. thick

Surfacing: — "SWD 1929F", 2-gal/100-ft.².

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