



## TGFU.R26758 Roofing Systems

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### Roofing Systems

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#### HYDRO-STOP L L C

R26758

1465 PIPEFITTER ST  
NORTH CHARLESTON, SC 29405 USA

#### FLUID APPLIED COATING SYSTEMS

##### Class A

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

**Incline:** 4

**Insulation: (Optional):** — Any UL Classified polyisocyanurate insulation, any thickness, mechanically fastened or adhered with any UL Classified insulation adhesive.

**Barrier Board:** — Minimum 1/4 in. thick GP Gypsum Corp. "DensDeck® Roofboard", "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard" mechanically fastened with all butt joints staggered a minimum of 6-in. from plywood roof deck butt joints.

**Base Coat:** — "PremiumCoat FoundationCoat", applied at rate of 2 gal/100-ft<sup>2</sup>.

**Reinforcement :** — One ply "PremiumCoat Fabric" at 3 oz/yd<sup>2</sup>, embedded into wet base coating.

**Midcoat:** — "PremiumCoat FoundationCoat", applied at rate of 2 gal/100-ft<sup>2</sup>.

**Top Coat:** — "PremiumCoat FinishCoat", applied at a rate of 3/4 to 1-1/2 gal/100-ft<sup>2</sup>.

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

**Incline:** 1

**Barrier Board:** — Minimum 1/4 in. thick GP Gypsum Corp. "DensDeck® Roofboard", "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard" mechanically fastened with all butt joints staggered a minimum of 6-in. from plywood roof deck butt joints.

**Insulation: (Optional):** — Any UL Classified polyisocyanurate insulation, any thickness, mechanically fastened or adhered with any UL Classified insulation adhesive.

**Base Coat:** — "PremiumCoat FoundationCoat", applied at rate of 2 gal/100-ft<sup>2</sup>.

**Reinforcement :** — One ply "PremiumCoat Fabric" at 3 oz/yd<sup>2</sup>, embedded into wet base coating.

**Midcoat:** — "PremiumCoat FoundationCoat", applied at rate of 2 gal/100-ft<sup>2</sup>.

**Top Coat:** — "PremiumCoat FinishCoat", applied at a rate of 3/4 to 1-1/2 gal/100-ft<sup>2</sup>.

#### MAINTENANCE AND REPAIR SYSTEMS

##### Class A, B or C

#### 1. Deck: NC

**Incline:** ½

**Existing Roof System:** — Class A, B or C insulated or uninsulated smooth surface or mineral surfaced BUR or APP or SBS modified bitumen membrane to maintain existing Class A, B or C Classification covered with:

**Base Coat:** — "Roofshield" applied at 1¼ - 1½-gal/100-ft<sup>2</sup>

**Top Coat:** — "Roofshield" applied at 1¼ - 1½-gal/100-ft<sup>2</sup>

Note 1: Classification (A, B or C) and maximum incline will be the same as that of the Classified Roofing System (TGFU).

#### 2. Deck: NC

**Incline:** 1-1/2

**Existing Roof System:** — Insulated or uninsulated smooth or mineral surfaced modified bitumen system or BUR system.

**Base Coat:** — "PremiumCoat FoundationCoat", applied at rate of 2-1/2 to 4.0 gal/100-ft<sup>2</sup>.

**Reinforcement (optional):** — One ply "PremiumCoat Fabric", embedded into wet base coating.

**Top Coat:** — "PremiumCoat FinishCoat", applied at a rate of 3/4 to 1-1/2 gal/100-ft<sup>2</sup>

**Surfacing:** — No. 6 river bottom stone applied at a rate of 1000 lbs/100-ft<sup>2</sup>.

#### SPRAY APPLIED FOAM AND COATING SYSTEMS

As an option, systems that do not require No. 11 ceramic coated roofing granules may incorporate No. 11 ceramic coated roofing granules, or Combined Energies "Duragard Roof Mix" or "Traffic Guard" cementitious dry mix, (40-lb dry mix, 4½-gal water and ½-gal "Acrylic Resin" with ¾ -oz "Colloid 60," applied at 100-ft<sup>2</sup>/batch) over No. 6 crushed limestone (64-lb/100-ft<sup>2</sup>) embedded into wet base coat without affecting the Classification.

**Class A - Ballasted**1. **Deck:** NC**Incline:** 1-1/2**Insulation:** — Spray foam or boardstock insulation: Any UL Classified, any thickness.**Base Coat:** — "PremiumCoat FoundationCoat", applied at a rate of 2-1/2 to 4.0 gal/100-ft<sup>2</sup>**Reinforcement (optional):** — One ply "PremiumCoat Fabric," embedded into wet base coating**Top Coat:** — "PremiumCoat FinishCoat", applied at a rate of 3/4 to 1-1/2 gal/100-ft<sup>2</sup>**Surfacing:** — No. 6 river bottom stone applied at a rate of 1000 lbs/100-ft<sup>2</sup>2. **Deck:** NC**Incline:** ½**Foam:** — maximum 2-in. thick spray applied BASF Polyurethane Foam Enterprises LLC "Elastospray 81272" or "Elastospray 81275" or "FE348"**Base Coat:** — "Roofshield" applied at 1¼ - 1½-gal/100-ft<sup>2</sup>**Top Coat:** — "Roofshield" applied at 1¼ - 1½-gal/100-ft<sup>2</sup>**Surfacing (optional):** — Broadcast application of No. 11 ceramic coated roofing granules applied at 35 - 40-lbs/100-ft<sup>2</sup>Last Updated on 2010-08-31[Questions?](#)[Print this page](#)[Notice of Disclaimer](#)[Page Top](#)[Copyright © 2011 Underwriters Laboratories Inc.®](#)

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