UL Product iQ®

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Roofing Systems

COMPANY

Tremco CPG Inc.
3735 Green Road
Beachwood, OH 44122 United States

R10845

Barrier board products of either minimum 1/2 in. thick gypsum board or minimum 1/4-in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard" 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 combustible roof decks. All butt joints in the barrier board products must be staggered a minimum of 6-in. from the plywood roof deck butt joints.

FLUID APPLIED COATING SYSTEMS

Class A

1. **Deck:** NC **Incline:** 3
Primer: — "No. 171", 250-ft.^{2}/gal.
Base Coat: — "Vulkem 350NF-R" or "Vulkem 350NF-S/L", 65-ft.^{2}/gal.
Intermediate Coat: — "No. 345", 100-ft.^{2}/gal.
Aggregate: — #24 mesh silicon carbide or silica sand, 10 to 15-lbs./100-ft.^{2}
Top Coat: — "No. 346" or "451", 150-ft.^{2}/gal.
System Identification: — "Traffic Deck".

2. **Deck:** NC **Incline:** 3
Primer: — "No. 171", 250-ft.^{2}/gal.
Base Coat: — "Vulkem 350NF-R" or "Vulkem 350NF-S/L", 60-ft.^{2}/gal.
Intermediate Coat: — "No. 345", 100-ft.^{2}/gal.
Aggregate: — #24 mesh silicon carbide or silica sand, 10 to 15-lbs./100-ft.^{2}
Top Coat: — "No. 346" or "451", 150-ft.^{2}/gal.
System Identification: — "Slope".

3. **Deck:** NC **Incline:** 3
Primer: — "No. 171", 250-ft.^{2}/gal.
Base Coat: — "Vulkem 350NF-R" or "Vulkem 350NF-S/L", 40-ft.^{2}/gal.
Aggregate: — Silica sand, 4 to 8-lbs./100-ft.^{2}
Top Coat: — "No. 351", "451" or "Vulkem 351 White LV", 100-ft.^{2}/gal.
System Identification: — "Pedestrian".

4. **Deck:** NC **Incline:** No Limitation
Primer: — "No. 171", 125-ft.^{2}/gal.
Top Coat: — "No. 351", "451" or "Vulkem 351 White LV", 200-ft.^{2}/gal.
Aggregate: — Silica sand, 4 to 8-lbs./200-ft.^{2}
System Identification: — "351".

5. **Deck:** NC **Incline:** 1-1/2
Primer (Optional): — "No. 171", 250-ft.^{2}/gal.
Base Coat: — "Vulkem 350NF-R" or "Vulkem 350NF-S/L", 55-ft.^{2}/gal.
Top Coat: — "Vulkem 351NF" or "346NF", 125-ft.^{2}/gal.
Surfacing: — Silica sand, 4 to 8-lbs./100-ft.^{2}
System Identification: — "Pedestrian Deck".

6. **Deck:** NC **Incline:** 1-1/2
Primer (Optional): — "No. 171", 250-ft.^{2}/gal.
Base Coat: — "Vulkem 350NF-R" or "Vulkem 350NF-S/L", 65-ft.^{2}/gal.
Intermediate: — "Vulkem 345NF", 100-ft.^{2}/gal.
Top Coat: — "Vulkem 351NF" or "346NF", 200-ft.^{2}/gal.
Surfacing: — Silica sand, 10 to 15-lbs./100-ft.^{2}

7. **Deck:** NC **Incline:** 2
Primer (Optional): — "No. 171", 250-ft.^{2}/gal.
Base Coat: — "Vulkem 350NF-R" or "Vulkem 350NF-S/L", 65-ft.^{2}/gal.
Intermediate: — "Vulkem 950NF" (Parts A and B), 125-ft.^{2}/gal.
Aggregate: — Silica sand, 20 to 30 mesh blend, 12-lb./100-ft.^{2}
Top Coat: — "Vulkem 951NF" (Parts A and B), 125-ft.^{2}/gal.
System Identification: — "Traffic Deck".

8. **Deck:** NC **Incline:** 1
Primer (Optional): — "No. 171", 250-ft.^{2}/gal.
Base Coat: — "Vulkem 350NF-R" or "Vulkem 350NF-S/L", 40-ft.^{2}/gal.
Aggregate: — Silica Sand, 40 to 50 mesh blend, 4 to 6 lbs./100-ft.^{2}
Top Coat: — "Vulkem 950NF" (Parts A and B), 100-ft.^{2}/gal.
System Identification: — "Pedestrian".

9. **Deck:** NC **Incline:** 1
Membrane: — "TREMproof 6100", applied to a thickness of 125 to 215 mils.
Insulation: — Any UL Classified extruded or expanded polystyrene, any thickness.
Surfacing: — River bottom stone (3/4 to 1-1/2 in. diameter), 1000-lbs/100-ft.^{2}, concrete locks 10-lbs/ft.^{2} minimum spread not more than 1/4 in. apart or "Lightguard" panels surfaced with 5/16-in. minimum thick concrete mortar, butted together.

10. **Deck:** NC **Incline:** 2
Primer (Optional): — "No. 171", 250-ft.^{2}/gal.
Base Coat: — "Vulkem 350NF-R" or "Vulkem 350NF-S/L", 40-ft.^{2}/gal.
Aggregate: — Silica sand, 20 to 30 mesh blend, 12-lbs/100-ft.^{2}
Top Coat: — "Vulkem 951NF" (Parts A and B), 125-ft.^{2}/gal.
System Identification: — "Traffic Deck".

11. **Deck:** NC **Incline:** 2
Base Coat (Not UL Classified): — "TREMPrime Multi Surface Urethane Primer" applied at 100 to 400-ft.^{2}/gal.
Top Coat: — "Vulkem OC 810" applied at 40 to 45-ft.^{2}/gal.
Granules: — Rubber Aggregate 12 to 20 mesh, applied at 2.5 to 2.9-lbs/ft.^{2}/100-ft.^{2} into the top coating.

12. **Deck:** NC **Incline:** 1/2
Base Coat (Not UL Classified): — "Vulkem 191 Low VOC Primer" applied at 100 to 400-ft.^{2}/gal.

Top Coat: — "Vulkem OC 810" applied at 40 to 45-ft.^{2}/gal.
Granules: — Rubber Aggregate 12 to 20 mesh, applied at 2.5 to 2.9-lbs/ft.^{2}/100-ft.^{2} into the top coating.

13. **Deck:** NC **Incline:** 3
Primer Coat: — "Tremco PUMA Primer", applied at 17 to 20 mils.
Base Coat: — "Tremco PUMA BC" applied at 80 mils.
Intermediate Coat: — "Tremco PUMA WC" applied at 60 to 65 mils.
Aggregate: — Aluminum oxide or silica sand at 125-lbs/100-ft.^{2}
Top Coat: — "Tremco PUMA TC Tintable", "Tremco PUMA TC Clear", "Tremco PUMA TC Gray", "Tremco PUMA TC Slate Gray", "Tremco PUMA TC Decorative", "Tremco PUMA TC White", "Tremco PUMA Charcoal", or "Tremco PUMA Beige" applied at 12 to 20 mils.

14. **Deck:** NC **Incline:** 3
Primer Coat: — "Tremco PUMA Primer", applied at 17 to 20 mils.
Base Coat: — "Tremco PUMA BC" applied at 60 mils.
Aggregate: — Aluminum oxide or silica sand at 80-lbs./100-ft.^{2}
Top Coat: — "Tremco PUMA TC Tintable", "Tremco PUMA TC Clear", "Tremco PUMA TC Gray", "Tremco PUMA TC Slate Gray", "Tremco PUMA TC Decorative", "Tremco PUMA TC White", "Tremco PUMA Charcoal", or "Tremco PUMA Beige" applied at 15 to 20 mils.

15. **Deck:** NC **Incline:** 2
Base Coat: — Vulkem 350-R" or "Vulkem 350-SL", applied at 40-ft.^{2}/gal
Intermediate Coat: — "No. 351", applied at 107-ft.^{2}/gal.
Aggregate: — #40 to 50 mesh silica sand or aluminum oxide, applied at 12 to 18-lbs./100-ft.^{2}.

16. **Deck:** NC **Incline:** 1
Base Coat: — Vulkem 350-R" or "Vulkem 350-SL", applied at 64-ft.^{2}/gal.
Intermediate Coat: — "Vulkem Epoxy WC", applied at 107-ft.^{2}/gal.
Aggregate: — #20 to 30 mesh silica sand or aluminum oxide, applied at 12 to 18-lbs./100-ft.^{2}
Top Coat: — "No. 346", applied at 107-ft.^{2}/gal.

17. **Deck:** NC **Incline:** 1
Base Coat: — Vulkem 350-R", "Vulkem 350-SL", "Vulkem 350NF-R", or "Vulkem 350NF-S/L" applied at 40-ft.^{2}/gal.
Intermediate Coat: — "Vulkem Epoxy WC", applied at 150-ft.^{2}/gal.
Aggregate: — #20 to 40 mesh silica sand, applied at 10-lbs./100-ft.^{2}.
Surfacing: — 1/4-in. thick ceramic tile, adhered in thin-set and grouted per the manufacturer's installation instructions (Not UL Classified).

18. **Deck:** NC **Incline:** 1
Primer (Optional): — "No. 171", 125 sq. ft./gal.
Base Coat: — "Vulkem 360 NF", 65 sq. ft./gal.
Intermediate Coat: — "Vulkem 950NF", 125 sq. ft./gal.
Aggregate: — Silica sand, 20-30 mesh blend, 12 lb./100 sq. ft.
Top Coat: — "Vulkem 951NF" (Parts A and B), 125 sq. ft./gal.
System Identification: — "Traffic Deck"

19. **Deck:** NC **Incline:** 1
Primer (Optional): — "No. 171", 125 sq. ft./gal.
Base Coat: — "Vulkem 360 NF", 40 sq. ft./gal.
Aggregate: — Silica sand, 40-50 mesh blend, 4-6 lbs./100 sq. ft.
Top Coat: — "Vulkem 951NF" (Parts A and B), 125 sq. ft./gal.
System Identification: — "Traffic Deck"

20. **Deck:** NC **Incline:** 1
Primer (Optional): — "No. 171", 250-ft.^{2}/gal.
Base Coat: — "Vulkem 350 FC SL" (Parts A & B), applied at 65-ft.^{2}/gal.
Aggregate: — Silica sand, 20 to 30 mesh blend, 12-lbs/100-ft.^{2}

Top Coat: — "Vulkem 951NF" (Parts A and B), 125-ft.^{2}/gal.
System Identification: — "Traffic Deck".

21. **Deck:** NC **Incline:** 1

Coverboard: — Cement board, any thickness.
Insulation: — Any UL Certified Insulfoam 40PSI tapered insulation.
Coverboard: — Cement board, any thickness.
Membrane: — "TREMproof 6100", applied to a thickness of 125 mils.
Protection: — Any UL Certified Tremco CPG Inc “POWERply” smooth or granulated membrane.
Insulation: — Any UL Certified polyisocyanurate insulation.
Drainage: — “Tremdrain” (not UL Certified), various configurations.
Surfacing: — River bottom stone (3/4 to 1-1/2 in. diameter), 1000-lbs/100-ft^2, concrete blocks 10-lbs/ft^2 minimum spread not more than 1/4 in. apart or "Lightguard" panels surfaced with 5/16-in. minimum thick concrete mortar, butted together. “Tremdrain” (not UL Certified) can be installed below the stone, concrete, or panels for drainage purposes.

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