

TGFU.R12209 - Roofing Systems

Note: We are enhancing our systems and you may notice duplicate entries/missing/outdated data. During this interim period, please contact our Customer Service at <https://www.ul.com/about/locations>.

Roofing Systems

KST COATINGS, BUSINESS UNIT OF SHERWIN-WILLIAMS CO

R12209

101 W Prospect Ave
560 Guildhall Building
Cleveland, OH 44115 United States

"Kool Seal Premium Base Coat", is an acceptable alternate to "Elastomeric Roof Coating Gray 41-320" in all applicable Classifications.

FLUID APPLIED COATING SYSTEMS

Class A

1. Deck: NC

Incline: 1/2

Surfacing: — Two coats "500 Premium Aluminum Roof Coating Silver 20-475" at 1-1/2 gal/sq/coat.

2. Deck: NC

Incline: 2-1/2

Base Coat: — "Elastomeric Roof Coating White 41-300", "Uniflex Premium Elastomeric Finish Coat White 41-300", "Kool Seal Premium Elastomeric Finish Coat White 63-900", "Elastomeric Roof Coating Gray 41-320", "Uniflex Premium Elastomeric Base Coat Gray 41-320", "Elastomeric Roof Coating Black 41-325", "Uniflex Premium Elastomeric Finish Coat Black 41-325", "Elastomeric Roof Coating Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Sedona Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Adobe Light Tan 41-30T", "Uniflex Premium Elastomeric Tint Base 41-30A" "Uniflex Premium Elastomeric Tint Base 41-30D" or "Uniflex Premium Elastomeric Tint Base 41-30P" roof coating, 1.5 gal/sq.

Surfacing: — "Elastomeric Roof Coating White 41-300", "Uniflex Premium Elastomeric Finish Coat White 41-300", "Kool Seal Premium Elastomeric Finish Coat White 63-900", "Elastomeric Roof Coating Gray 41-320", "Uniflex Premium Elastomeric Base Coat Gray 41-320", "Elastomeric Roof Coating Black 41-325", "Uniflex Premium Elastomeric Finish Coat Black 41-325", "Elastomeric Roof Coating Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Sedona Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Adobe Light Tan 41-30T", "Uniflex Premium Elastomeric Tint Base 41-30A" "Uniflex Premium Elastomeric Tint Base 41-30D" or "Uniflex Premium Elastomeric Tint Base 41-30P" roof coating, 1.5 gal/sq.

3. Deck: NC

Incline: Unlimited

Base Coat: — "Elastomeric Roof Coating White 41-300", "Uniflex Premium Elastomeric Finish Coat White 41-300", "Kool Seal Premium Elastomeric Finish Coat White 63-900", "Elastomeric Roof Coating Gray 41-320", "Uniflex Premium Elastomeric Base Coat Gray 41-320", "Elastomeric Roof Coating Black 41-325", "Uniflex Premium Elastomeric Finish Coat Black 41-325", "Elastomeric Roof Coating Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Sedona Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Adobe Light Tan 41-30T", "Uniflex Premium Elastomeric Tint Base 41-30A" "Uniflex Premium Elastomeric Tint Base 41-30D" or "Uniflex Premium Elastomeric Tint Base 41-30P" roof coating, 1 gal/sq.

Surfacing: — "Elastomeric Roof Coating White 41-300", "Uniflex Premium Elastomeric Finish Coat White 41-300", "Kool Seal Premium Elastomeric Finish Coat White 63-900", "Elastomeric Roof Coating Gray 41-320", "Uniflex Premium Elastomeric Base Coat Gray 41-320", "Elastomeric Roof Coating Black 41-325", "Uniflex Premium Elastomeric Finish Coat Black 41-325", "Elastomeric Roof Coating Tan 41-

300T", "Uniflex Premium Elastomeric Finish Coat Sedona Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Adobe Light Tan 41-30T", "Uniflex Premium Elastomeric Tint Base 41-30A" "Uniflex Premium Elastomeric Tint Base 41-30D" or "Uniflex Premium Elastomeric Tint Base 41-30P" roof coating, 1.5 gal/sq.

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

Incline: 1-1/2

Insulation (Optional): — Perlite, wood fiber, glass fiber or polyisocyanurate, any thickness.

Barrier Board: — Minimum 1/2 in. thick gypsum board or minimum 1/4 in. thick Owens Corning "Strataguard" or minimum 1/4 in. thick Georgia-Pacific Gypsum LLC "DensDeck® Roofboard" or "DensDeck Prime® Roofboard" or "DensDeck DuraGuard™ Roofboard"

Coating: — "Uniflex Silicone44 #KST044300" or "Kool Seal Tundra #KS0064900" applied at 2 to 4-gal./100-ft.²

5. **Deck:** NC

Incline: 1-1/2

Coating: — "Uniflex Silicone44 #KST044300" or "Kool Seal Tundra #KS0064900" applied at 2 to 4-gal./100-ft.²

6. **Deck:** NC

Incline: Unlimited

Base Coat: — "Uniflex Silicone 44 Rubberized Silicone White Roof Coating 44-600" or "Kool Seal Tundra Rubberized Silicone Roof Coating 64-800", applied at 1 gal/100-ft².

Top Coat: — "Uniflex Silicone 44 Rubberized Silicone White Roof Coating 44-600" or "Kool Seal Tundra Rubberized Silicone Roof Coating 64-800", applied at 1 gal/100-ft².

7. **Deck:** NC

Incline: Unlimited

Base Coat: — "Uniflex Silicone 22 Rubberized Silicone Roof Coating 44-500 White", applied at 1 gal/100 ft².

Top Coat: — "Uniflex Silicone 22 Rubberized Silicone Roof Coating 44-500 White", applied at 1 gal/100 ft²

MAINTENANCE AND REPAIR

Class A

1. **Deck:** NC

Incline: 1/2

Existing Roof System: — Class A, B or C BUR (gravel may be removed) covered with:

Surfacing: — Two coats "500 Premium Aluminum Roof Coating Silver 20-475" at 1-1/2 gal/sq/coat.

2. **Deck:** NC

Incline: 2-1/2

Existing Roof System: — Class A, B or C BUR (gravel may be removed) covered with:

Base Coat: — "Elastomeric Roof Coating White 41-300", "Uniflex Premium Elastomeric Finish Coat White 41-300", "Kool Seal Premium Elastomeric Finish Coat White 63-900", "Elastomeric Roof Coating Gray 41-320", "Uniflex Premium Elastomeric Base Coat Gray 41-320", "Elastomeric Roof Coating Black 41-325", "Uniflex Premium Elastomeric Finish Coat Black 41-325", "Elastomeric Roof Coating Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Sedona Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Adobe Light Tan 41-30T", "Uniflex Premium Elastomeric Tint Base 41-30A" "Uniflex Premium Elastomeric Tint Base 41-30D" or "Uniflex Premium Elastomeric Tint Base 41-30P" roof coating, 1.5 gal/sq.

Surfacing: — "Elastomeric Roof Coating White 41-300", "Uniflex Premium Elastomeric Finish Coat White 41-300", "Kool Seal Premium Elastomeric Finish Coat White 63-900", "Elastomeric Roof Coating Gray 41-320", "Uniflex Premium Elastomeric Base Coat Gray 41-320", "Elastomeric Roof Coating Black 41-325", "Uniflex Premium Elastomeric Finish Coat Black 41-325", "Elastomeric Roof Coating Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Sedona Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Adobe Light Tan 41-30T", "Uniflex Premium Elastomeric Tint Base 41-30A" "Uniflex Premium Elastomeric Tint Base 41-30D" or "Uniflex Premium Elastomeric Tint Base 41-30P" roof coating, 1.5 gal/sq.

3. **Deck:** NC

Incline: Unlimited

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

Base Coat: — "Elastomeric Roof Coating White 41-300", "Uniflex Premium Elastomeric Finish Coat White 41-300", "Kool Seal Premium Elastomeric Finish Coat White 63-900", "Elastomeric Roof Coating Gray 41-320", "Uniflex Premium Elastomeric Base Coat Gray 41-320", "Elastomeric Roof Coating Black 41-325", "Uniflex Premium Elastomeric Finish Coat Black 41-325", "Elastomeric Roof Coating Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Sedona Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Adobe Light Tan 41-30T", "Uniflex Premium Elastomeric Tint Base 41-30A" "Uniflex Premium Elastomeric Tint Base 41-30D" or "Uniflex Premium Elastomeric Tint Base 41-30P" roof coating, 1 gal/sq.

Surfacing: — "Elastomeric Roof Coating White 41-300", "Uniflex Premium Elastomeric Finish Coat White 41-300", "Kool Seal Premium Elastomeric Finish Coat White 63-900", "Elastomeric Roof Coating Gray 41-320", "Uniflex Premium Elastomeric Base Coat Gray 41-320",

"Elastomeric Roof Coating Black 41-325", "Uniflex Premium Elastomeric Finish Coat Black 41-325", "Elastomeric Roof Coating Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Sedona Tan 41-300T", "Uniflex Premium Elastomeric Finish Coat Adobe Light Tan 41-30T", "Uniflex Premium Elastomeric Tint Base 41-30A" "Uniflex Premium Elastomeric Tint Base 41-30D" or "Uniflex Premium Elastomeric Tint Base 41-30P" roof coating, 1.5 gal/sq.

Class A, B and C

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

Incline: (See Note 1)

Existing Roof Covering System: — — Class A, B or C insulated or non-insulated BUR cap sheet or modified bitumen system to retain the existing Classification covered with:

Coating: — — "Uniflex Silicone44 #KST044300" or "Kool Seal Tundra #KS0064900" applied at 2 to 4 gal/100-ft.².

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

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

Incline: (See Note 1)

Existing Roof Covering System: — — Class A, B or C insulated or non-insulated TPO, TPA or EPDM system to retain the existing Classification covered with:

Coating: — — "Uniflex Silicone44 #KST044300" or "Kool Seal Tundra #KS0064900" applied at 2 to 4 gal/100-ft.²

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

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

Incline: 1/2

Existing Roof Covering System: — Class A, B or C insulated or non-insulated PVC system to retain the existing Classification covered with:

Coating: — "Uniflex Silicone44 #KST044300" or "Kool Seal Tundra #KS0064900" applied at 2 to 4 gal./100-ft.².

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

Incline: Unlimited

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

Base Coat: — "Uniflex Silicone 44 Rubberized Silicone White Roof Coating 44-600" or "Kool Seal Tundra Rubberized Silicone Roof Coating 64-800", applied at 1 gal/100-ft.².

Top Coat: — "Uniflex Silicone 44 Rubberized Silicone White Roof Coating 44-600" or "Kool Seal Tundra Rubberized Silicone Roof Coating 64-800", applied at 1 gal/100-ft.².

8. **Deck:** NC

Incline: See Note 1

Existing Roof System: — Any Class A, B or C uncoated, insulated or uninsulated, modified bitumen membrane or Type G3 mineral surfaced cap BUR system, to retain existing Classification.

Base Coat: — "Uniflex Silicone 44 Rubberized Silicone White Roof Coating 44-600" or "Kool Seal Tundra Rubberized Silicone Roof Coating 64-800", applied at 1 gal/100-ft.².

Top Coat: — "Uniflex Silicone 44 Rubberized Silicone White Roof Coating 44-600" or "Kool Seal Tundra Rubberized Silicone Roof Coating 64-800", applied at 1 gal/100-ft.².

Note 1: Classification (A, B or C) and maximum incline will be the same as that of the Classified Roofing System (TGFU), though incline shall not exceed 1:12.

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

Incline: See Note 1

Existing Roof System: — Any Class A, B or C uncoated, insulated or uninsulated, EPDM, PVC or TPO single ply membrane system, mechanically fastened or fully adhered, to retain existing Classification.

Base Coat: — "Uniflex Silicone 44 Rubberized Silicone White Roof Coating 44-600" or "Kool Seal Tundra Rubberized Silicone Roof Coating 64-800", applied at 1 gal/100-ft.².

Top Coat: — "Uniflex Silicone 44 Rubberized Silicone White Roof Coating 44-600" or "Kool Seal Tundra Rubberized Silicone Roof Coating 64-800", applied at 1 gal/100-ft.².

Note 1: Classification (A, B or C) and maximum incline will be the same as that of the Classified Roofing System (TGFU), though incline shall not exceed 1-1/2:12.

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

Incline: Unlimited

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

Base Coat: — " Uniflex Silicone 22 Rubberized Silicone Roof Coating 44-500 White" , applied at 1 gal/100 ft².

Top Coat: — " Uniflex Silicone 22 Rubberized Silicone Roof Coating 44-500 White" , applied at 1 gal/100 ft².

11.Deck: NC**Incline:** See Note 1

Existing Roof System: — Any Class A, B or C uncoated, insulated or uninsulated, modified bitumen membrane, Type G3 mineral surfaced cap BUR system, mechanically fastened or fully adhered, to retain existing Classification.

Base Coat: — "Uniflex Silicone 22 Rubberized Silicone Roof Coating 44-500 White", applied at 1 gal/100 ft².

Top Coat: — "Uniflex Silicone 22 Rubberized Silicone Roof Coating 44-500 White", applied at 1 gal/100 ft².

Note 1: Classification (A, B or C) and maximum incline will be the same as that of the Classified Roofing System (TGFU), though incline shall not exceed 1:12.


12.Deck: NC**Incline:** See Note 1

Existing Roof System: — Any Class A, B or C uncoated, insulated or uninsulated, TPO single ply membrane system, mechanically fastened or fully adhered, to retain existing Classification.

Base Coat: — "Uniflex Silicone 22 Rubberized Silicon Roof Coating 44-500 White", applied at 1 gal/100 ft².

Top Coat: — "Uniflex Silicone 22 Rubberized Silicon Roof Coating 44-500 White", applied at 1 gal/100 ft².

Note 1: Classification (A, B or C) and maximum incline will be the same as that of the Classified Roofing System (TGFU), though incline shall not exceed 1/2:12

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