PREMIUM BLACK ELASTOMERIC ROOF COATING

41-325

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Uniflex® Premium Black Elastomeric Roof Coating is formulated using a 100% Acrylic Polymer that provides outstanding adhesion and superior durability. Formulated to resist cracking and peeling, Uniflex® Elastomeric provides excellent waterproofing capabilities.

RECOMMENDED USES

Uniflex® Elastomeric Roof Coating will provide a highly elastic, weatherproofing barrier over metal, urethane foam, concrete, smooth BUR, modified bitumen, granular cap sheets and other approved surfaces.

PRODUCT CHARACTERISTICS

Color.....Black
Vehicle Base.....100% Acrylic Resin
Weight per Gallon.....11.8 lbs.
Solids by Weight (ASTM 2369).....65 ± 2%
Solids by Volume.....52 ± 2%
Viscosity @ 77° F (25° C).....115 ± 5KU
Dry Film Thickness.....8.3 mils
(@ 1 gal./100 sq. ft. less surface absorption)
Dry Time
Exposure.....4 - 6 hours
Between coats.....24 hours minimum
VOC.....< 50 g/l
pH.....8.5 ± 0.5
Specific Gravity.....1.39
Flash Point.....None
Solvent.....Water
Clean Up.....Warm, soapy water

Application Rate
Apply each coat at a rate of 1 – 2 gallons per 100 sq. ft. (16 – 32 wet mils). See system specifications for more details.

PERFORMANCE CHARACTERISTICS

Elongation/Tensile @ 77° F
Initial Elongation.....200%
Tensile Strength.....150 psi
1000 Hrs. Xenon Arc.....130% @ 73° F
Permeance (ASTM D1653).....12 perms

CLASSIFIED UL®

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101 Prospect Avenue
Cleveland, Ohio 44115

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UNIFLEX®
Industrial Roof Coatings

R3.09
COMMERCIAL GRADE GRAY ELASTOMERIC GRAY ROOF COATING

41-520

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Uniflex® Commercial Grade Gray Elastomeric Gray Roof Coating is formulated using a 100% Acrylic Polymer that provides outstanding adhesion and durability. Formulated to offer great performance and value, Uniflex® Elastomeric provides excellent waterproofing capabilities. This highly elastic coating can be used as a base coat under white elastomeric or as a finish coat.

RECOMMENDED USES

Uniflex® Commercial Grade Gray Elastomeric Roof Coating will provide a highly elastic, weatherproofing barrier over metal, urethane foam, concrete, smooth BUR, modified bitumen, granular cap sheets, EPDM, Hypalon and other approved surfaces.

PRODUCT CHARACTERISTICS

Vehicle Base.....100% Acrylic Resin
Weight per Gallon.....11.8 lbs.
Solids by Weight (ASTM 2369).....59 ± 2%
Solids by Volume.....44 ± 2%
Viscosity @ 77° F (25° C).....110 ± 5KU
Dry Film Thickness.....8.4 mils
(@ 1 gal./100 sq. ft. less surface absorption)
Dry Time
Exposure.....4 - 6 hours
Between coats.....24 hours minimum
VOC..... 50 g/l
pH.....8.5 ± 0.5
Specific Gravity.....1.42
Flash Point.....None
Solvent.....Water
Clean up.....Warm, soapy water

Application Rate:
Apply each coat at a rate of 1 – 2 gallons per 100 sq. ft. (16 - 32 wet mils). See system specifications for more details.

PERFORMANCE CHARACTERISTICS

Elongation/Tensile @ 77° F
Initial Elongation.....200%
Tensile Strength.....100 psi
1000 Hrs. Xenon Arc.....130% @ 73° F
Permeance (ASTM D1653).....10 perms

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COMMERCIAL GRADE WHITE ELASTOMERIC ROOF COATING

41-500

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Uniflex® Commercial Grade White Elastomeric Roof Coating is formulated using a 100% Acrylic Polymer that provides outstanding adhesion and reflectivity. Formulated to offer great performance and value, Uniflex® Commercial Grade White Elastomeric provides excellent waterproofing capabilities. The bright white finish reduces surface temperatures thereby minimizing thermal expansion and contraction. Under-the-roof temperatures are also reduced, lowering energy costs.

RECOMMENDED USES

Uniflex® Commercial Grade White Elastomeric Roof Coating will provide a highly elastic, weatherproofing barrier over metal, urethane foam, concrete, smooth BUR, modified bitumen, granular cap sheets, EPDM, Hypalon and other approved surfaces.

PRODUCT CHARACTERISTICS

Vehicle Base.....100% Acrylic Resin
Weight per Gallon.....11.2 lbs.
Solids by Weight (ASTM 2369).....59%
Solids by Volume.....44%
Viscosity @ 77° F.....110 - 125KU
Dry Film Thickness.....7.1 mils
(@ 1 gal./100 sq. ft. less surface absorption)
Dry Time
Exposure.....4 - 6 hours
Between Coats.....24 hours minimum
VOC..... 21 g/l
pH.....9 ± 1
Specific Gravity.....1.35
Flash Point.....None
Solvent.....Water
Clean up.....Warm, soapy water

Application Rate:
Apply each coat at a rate of 1 – 2 gallons per 100 sq. ft. (16 - 32 wet mils). See system specifications for more details.

PERFORMANCE CHARACTERISTICS

Elongation.....200%
Tensile Strength @ 77° F.....100 psi
Permeance (ASTM DE-96).....10 perms

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PREMIUM ELASTOMERIC ROOF COATING TINT BASES

41-30D/41-30P/41-30A

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Uniflex® Premium Elastomeric Tint Bases are formulated using a 100% Acrylic Polymer that provides outstanding adhesion and superior durability. Formulated to resist cracking and peeling, Uniflex® Elastomeric provides excellent waterproofing capabilities. Uniflex® Premium Elastomeric Tint Bases can be custom matched or shaded to the SherColor Palette. Must be tinted with EnviroToner Colorant system.

RECOMMENDED USES

Uniflex® Premium Elastomeric Tint Bases will provide a highly elastic, weatherproofing barrier over metal, urethane foam, concrete, smooth BUR, modified bitumen, granular cap sheets and other approved surfaces.

PRODUCT CHARACTERISTICS

Vehicle Base.....100% Acrylic Resin
Weight per Gallon.....11.7 lbs.
Solids by Weight (ASTM 2369).....64 ± 2%
Solids by Volume.....51 ± 2%
Viscosity @ 77° F (25° C).....115 ± 5KU
Dry Film Thickness.....8.4 mils
(@ 1 gal./100 sq. ft. less surface absorption)
Dry Time
Exposure.....4 - 6 hours
Between coats.....24 hours minimum
VOC.....< 50 g/l
pH.....8.5 ± 0.5
Specific Gravity.....1.41
Flash Point.....None
Solvent.....Water
Clean up.....Warm, soapy water

Application Rate
Apply each coat at a rate of 1 - 2 gallons per 100 sq. ft. (16 - 32 wet mils). See system specifications for more details.

PERFORMANCE CHARACTERISTICS

Elongation/Tensile @ 77° F
Initial Elongation.....200%
Tensile Strength.....150 psi
1000 Hrs. Xenon Arc.....130% @ 73° F
Permeance (ASTM D1653).....13 perms

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PREMIUM GRAY ELASTOMERIC ROOF COATING

41-320

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Uniflex® Premium Gray Elastomeric Roof Coating is formulated using a 100% Acrylic Polymer that provides outstanding adhesion and superior durability. Formulated to resist cracking and peeling, Uniflex® Elastomeric provides excellent waterproofing capabilities. This highly elastic coating can be used as a base coat under white elastomeric or as a finish coat.

RECOMMENDED USES

Uniflex® Elastomeric Roof Coating will provide a highly elastic, weatherproofing barrier over metal, urethane foam, concrete, smooth BUR, modified bitumen, granular cap sheets, single ply membranes, EPDM, Hypalon and other approved surfaces.

PRODUCT CHARACTERISTICS

Color.....Gray
Vehicle Base.....100% Acrylic Resin
Weight per Gallon.....11.81 lbs.
Solids by Weight (ASTM 2369).....67 ± 2%
Solids by Volume.....52 ± 2%
Viscosity @ 77° F (25° C).....110 ± 5KU
Dry Film Thickness.....8.4 mils
(@ 1 gal./100 sq. ft. less surface absorption)
Dry Time
Exposure.....4 – 6 hours
Between coats.....24 hours minimum
VOC.....< 50 g/l
pH.....8.5 ± 0.5
Specific Gravity.....1.42
Flash Point.....None
Solvent.....Water
Clean Up.....Warm, soapy water

Application Rate:
Apply each coat at a rate of 1 - 2 gallons per 100 sq. ft. (16 – 32 wet mils). See system specifications for more details.

PERFORMANCE CHARACTERISTICS

Elongation/Tensile @ 77° F
Initial Elongation.....200%
Tensile Strength.....150 psi
1000 Hrs. Xenon Arc.....130% @ 73° F
Permeance (ASTM D1653).....9 perms

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500 PREMIUM ALUMINUM ROOF COATING

20-475

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Uniflex® 500 Premium Aluminum Roof Coating is a premium-grade fibered aluminum reflective coating manufactured from the finest aluminum leafing pigments, quality refined asphalt, reinforcing fibers and petroleum distillates. The aluminum pigment exceeds Federal Specification TT-P-320D, Type II. Uniflex® 500 also meets performance standards as set forth in Federal Specifications TT-C-498C. Uniflex® 500 meets the composition requirements of ASTM D2824-85, Type III (non-asbestos).

RECOMMENDED USES

Uniflex® 500 Premium Aluminum Roof Coating provides a durable, reflective coating over most types of surfaces including metal, smooth built-up and modified bitumen roofs.

PRODUCT CHARACTERISTICS

Color.....Silver
Vehicle Base.....Asphalt
Weight per Gallon.....9.1 lbs.
Solids by Weight (ASTM 2369).....60 ± 2%
Solids by Volume.....44 ± 2%
Viscosity @ 77° F (25° C).....115 - 125 KU
Dry Film Thickness.....7.0 mils
(@ 1 gal./100 sq. ft. less surface absorption)
Dry Time
Exposure.....4 - 6 hours
Between Coats.....3 - 5 days
Specific Gravity.....1.093
VOC..... 435 ± 10 g/L
Flash Point (open cup).....105° F Min.
Solvent.....Mineral Spirits
Clean Up.....Mineral Spirits

Application Rate:
Apply each coat at a rate of 2 gallons per 100 sq. ft. (32 wet mils). See system specifications for more details.

PERFORMANCE CHARACTERISTICS

FM APPROVED

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SUPERBRITE NON-FIBERED ALUMINUM PAINT

20-418

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Uniflex® Superbrite Non-Fibered Aluminum Paint is formulated from asphalt, gilsonite, aluminum pigment and petroleum distillates. The waterproofing and adhesive properties of the asphalt combine with the reflectivity of the aluminum pigment to reduce interior and exterior roof temperatures.

RECOMMENDED USES

Uniflex® Superbrite Non-Fibered Aluminum Paint protects and preserves metal, built-up roofs, structural steel, wrought iron and chain link fences easily and economically.

PRODUCT CHARACTERISTICS

Color.....Silver
Vehicle Base.....Asphalt/Gilsonite
Weight per Gallon (approximate).....7.8 lbs.
Solids by Weight.....47 ± 2%
Solids by Volume.....36 ± 2%
Viscosity @ 80° F (27° C).....15 - 20 sec.
(#4 Ford Cup)
Dry Film Thickness.....2.3 mils
(@ 250 sq. ft./gal. (.163 L/sq. m), less surface absorption)
Specific Gravity.....0.94
VOC..... 506 ± 10 g/L
Flash Point (closed cup).....100° F (38° C) Min.
Solvent.....Mineral Spirits
Clean up.....Mineral Spirits
Dry Time
Exposure.....4 - 6 hours
Between Coats.....24 hours

Application Rate:
Apply each coat at a rate of 250 - 400 sq. ft. per gal.

PERFORMANCE CHARACTERISTICS

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SUPERBRITE NON-FIBERED ALUMINUM PAINT

20-418

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Uniflex® Superbrite Non-Fibered Aluminum Paint is formulated from asphalt, gilsonite, aluminum pigment and petroleum distillates. The waterproofing and adhesive properties of the asphalt combine with the reflectivity of the aluminum pigment to reduce interior and exterior roof temperatures.

RECOMMENDED USES

Uniflex® Superbrite Non-Fibered Aluminum Paint protects and preserves metal, built-up roofs, structural steel, wrought iron and chain link fences easily and economically.

PRODUCT CHARACTERISTICS

Color.....Silver
Vehicle Base.....Asphalt/Gilsonite
Weight per Gallon (approximate).....7.8 lbs.
Solids by Weight.....47 ± 2%
Solids by Volume.....36 ± 2%
Viscosity @ 80° F (27° C).....15 - 20 sec.
(#4 Ford Cup)
Dry Film Thickness.....2.3 mils
(@ 250 sq. ft./gal. (.163 L/sq. m), less surface absorption)
Specific Gravity.....0.94
VOC..... 506 ± 10 g/L
Flash Point (closed cup).....100° F (38° C) Min.
Solvent.....Mineral Spirits
Clean up.....Mineral Spirits
Dry Time
Exposure.....4 - 6 hours
Between Coats.....24 hours

Application Rate:
Apply each coat at a rate of 250 - 400 sq. ft. per gal.

PERFORMANCE CHARACTERISTICS

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PREMIUM WHITE ELASTOMERIC ROOF COATING

41-300

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Uniflex® Premium White Elastomeric Roof Coating is formulated using a 100% Acrylic Polymer that provides outstanding adhesion and superior reflectivity. Formulated to resist cracking and peeling, Uniflex® Premium White Elastomeric provides excellent waterproofing capabilities. The bright white finish reduces surface temperatures thereby minimizing thermal expansion and contraction. Under-the-roof temperatures are also reduced, lowering energy costs. Custom colors are available. Refer to Elastomeric Tint Base Data Page (41-30D) for more information. This product meets the requirements of ASTM D 6083 for use on galvanized metal, SBS, EPDM, Hypalon, TPO, PVC, concrete, BUR and polyurethane foam, as verified by independent laboratory tests and meets Miami-Dade building code and Florida building code for use on these surfaces. This product is Title 24 compliant.
NOA NO: 09-0413.05
FL# FL 12895

PRODUCT CHARACTERISTICS

Color	White
Vehicle Base	100% Acrylic Resin
Weight per Gallon	11.8 lbs.
Solids by Weight (ASTM 2369)	67 ± 2%
Solids by Volume	52 ± 2%
Viscosity @ 77° F (25° C)	110 ± 5KU
Dry Film Thickness	8.4 mils (@ 1 gal./100 sq. ft. less surface absorption)
Dry Time	
Exposure	4 - 6 hours
Between coats	24 hours minimum
VOC	≤ 50 g/l
pH	8.5 ± 0.5
Specific Gravity	1.42
Flash Point	None
Solvent	Water
Clean Up	Warm, soapy water

Application Rate:
Apply each coat at a rate of 1 - 2 gallons per 100 sq. ft (16-32 wet mils). See system specifications for more details.

RECOMMENDED USES

Uniflex® Premium White Elastomeric Roof Coating will provide a highly elastic, weatherproofing barrier over metal, urethane foam, concrete, smooth BUR, modified bitumen, granular cap sheets, EPDM, Hypalon and other approved surfaces. NSF certification allows the Uniflex® Premium White Elastomeric Roof Coating to be used as part of rooftop rainwater collection systems. See Application Procedures for more detail.

PERFORMANCE CHARACTERISTICS

Elongation/Tensile @ 77° F	
Initial Elongation	180%
Tensile Strength	240 psi
1000 Hrs. Xenon Arc	130% @ 73° F
Permeance (ASTM D1653)	4 perms

NSF Protocol P151
Health Effects from Rainwater Catchment System Components

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