Uniflex™
Premium Elastomeric Finish Coat

41-300 White

CHARACTERISTICS

Uniflex™ Premium Elastomeric Finish Coat White is formulated using a 100% acrylic polymer that provides outstanding weathering and superior reflectivity properties. Formulated to resist cracking and peeling, Uniflex Premium Elastomeric Finish Coat 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 cooling costs. Meets ASTM D6083.

For use on these surfaces:

Galvanized Metal, EPDM, TPO, PVC, SBS Modified Bitumen, APP Modified Bitumen, Smooth BUR Spray Polyurethane Foam, Cured Concrete, existing acrylic and other approved substrates.

Concrete must cure a minimum of 29 days. New SPF must be coated the same day as applied.
Other substrates should be aged a minimum of 6 months prior to applying coating.

An adhesion test is required to confirm compatibility.

Additional primers are required for certain substrates.

Color:	White
Minimum Coverage:	
Wet mils:	16
Dry mils:	8.2
Coverage:	100 sq. ft. per gallon

Porous surfaces may require higher application rates due to absorption to meet minimum DFT.

Drying Schedule 77°F @ 50% RH:	
Exposure	4-6 hours
To recoat	24 hours
Full cure	7 days

Air and surface temperatures must not drop below 40°F for 72 hours after application.

Drying and recoat times are temperature, humidity, and film thickness dependent.

Tinting:
This product may be tinted with CCE colorants. Refer to the Sher-Color system for options.

Product Characteristics	
V.O.C. (less exempt solvents):	< 50 g/l
Volume Solids:	51 ±2%
Weight Solids:	67 ±2%
Weight per Gallon:	11.6 lbs
Flash Point:	None
Vehicle Type:	100% Acrylic Resin
Shelf Life:	24 months, unopened

APPROVALS

As of 01/01/25, Complies with:

MIAMI-DADE	Yes
NSF	Yes
UL	Yes
Title 24	Yes
CRRC Rated	Yes
Factory Mutual	Yes

APPLICATION

Temperature:	
Ambient Air:	between 50°F and 120°F
Surface:	between 50°F and 140°F

Apply on a clear, dry day with a max humidity level of 85%.
DO NOT apply if heavy dew or rain is expected within 2 to 4 hours.
KEEP FROM FREEZING

Reducer:	Do not reduce
Thinning:	Do not thin

Airless Spray:	
Pressure	min. 2,800 p.s.i.
Tip	.533” -.633"
Brush:	nylon-polyester
Roller Cover:	3/4 inch nap synthetic cover

Spray and back roll on porous & rough substrates to achieve required film build and a pin-hole free surface.

Apply at temperatures above 50°F. When the air temperature is at 50°F, substrates may be colder; prior to application, check to be sure the air, surface, and material temperature are above 50°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 60 minutes.

Do not apply at air or surface temperatures below 50°F or when air or surface temperatures may drop below 35°F within cure time.

For best performance results, coating substrates with elevated surface temperatures.

All surfaces must be clean and dry.

APPLICATION TIPS

Apply at the recommended film thickness and spreading rate as indicated on the page. Application of coating below minimum recommended spreading rate may adversely affect the coating systems performance.

Material may experience separation while in storage with clear material surfacing to the top of the container.

Machine shake or mix with prior agitation prior to use.

RECOMMENDED SYSTEMS

Galvanized Metal:
1 coat Uniflex 34-520 Rust Inhibitive Metal Primer or 1 coat of Uniflex 36-520 Acrylic Rust Inhibitive Metal Primer
1 coat Uniflex 41-320 Gray Base Coat @ 16 wet mils
1 coat Uniflex 41-300 White Finish Coat @ 24 wet mils

Single Ply Membranes (EPDM/TPO/PVC):
Clean EPDM with Uniflex Bond-it Rinse Primer 38-620
1 coat Uniflex 41-321 SPE Gray Base Coating @ 24 wet mils
1 coat Uniflex 41-300 White Finish Coat @ 24 wet mils

Asphaltic Membranes (APP/SBS Modified Bitumen, Smooth BUR:
1 coat Uniflex 41-512 MB Base Coat @ 24 wet mils.
1 coat Uniflex 41-300 White Finish Coat @ 24 wet mils

SPF:
1 coat Uniflex 41-320 Gray Base Coat @ 24 wet mils
1 coat Uniflex 41-300 White Finish Coat @ 24 wet mils

Cured Concrete:
1 coat of Uniflex 36-500 Acrylic Concrete Primer Coating
1 coat of Uniflex 41-320 Gray Base Coat at 24 wet mils
1 coat Uniflex 41-300 White Finish Coat @ 24 wet mils

Existing Coatings:
1 coat of Uniflex 41-320 Gray Base Coat at 16 wet mils.
1 coat Uniflex 41-300 White Finish Coat @ 24 wet mils

Refer to full specifications for additional details.

continued on back

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SURFACE PREPARATION

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked coatings should be scraped to a sound surface. Glossy surfaces should be sanded dull. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Galvanized Metal:
Pressure clean to remove all dirt, dust, grease, oil, loose particles, foreign material, peeling and defective coatings, chalks, etc. Allow the surface to dry before proceeding. Repair all deficiencies in metal panels, tighten fasteners to create a weather-tight condition. Prime corrosion with appropriate rust inhibitive primer.

Single Ply Membranes:
Pressure clean to remove all dirt, dust, grease, oil, loose particles, foreign material, peeling and defective coatings, chalks, etc. Allow the surface to dry before proceeding.
Replace all wet insulation.
Repair all membrane and flashing deficiencies.
Apply and rinse off Bond-it Rinse primer for EPDM membranes.

Asphaltic Membranes:
Pressure clean to remove all dirt, dust, grease, oil, loose particles, foreign material, peeling and defective coatings, chalks, etc. Allow the surface to dry before proceeding.
Replace all wet insulation.
Repair all membrane and flashing deficiencies.
Apply Uniflex Bleed Blocker Primer to live asphalt to prevent bleed through.

Cured Concrete:
Moisture content must be 15% or lower.
Pressure clean to remove all dirt, dust, grease, oil, loose particles, foreign material, peeling and defective coatings, chalks, etc. Allow the surface to dry before proceeding.
Repair all concrete deficiencies.

Spray Polyurethane Foam:
Apply coating to new SPF in accordance with SPF manufacturers instructions. New SP must be coated the same day as it's applied.

Existing Coatings:
Pressure clean to remove all dirt, dust, grease, oil, loose particles, foreign material, peeling and defective coatings, chalks, etc. Allow the surface to dry before proceeding.
Replace all wet insulation.
Repair substrate deficiencies.

Note (all substrates):
Uniflex One Flash Repair Sealant 51-920/921 may be used to detail roof system flashing and penetrations for added weatherproofing.

SURFACE PREPARATION

PRECAUTIONS: For exterior use only. Protect building inlets from product vapors or fumes. DO NOT allow product to freeze.
Protective clothing, gloves and eye-wear should be used during application of these products.
When transporting this product,
ensure that lid is tight and pail secure and upright. DO NOT allow pail to tumble as this may cause lid to loosen and leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in the cargo area of vehicle, and secure over protective clothes to prevent damage due to accidental spills. For longest life, store in controlled environment, 45°F- 80°F. Avoid continual storage in direct sunlight or at temperatures above 99°F. Seal container when not in use. Do not walk on coating until fully cured. The contents of this container are reactive with moisture in the air. Curing starts immediately upon opening and opened product cannot be returned. Use all contents within one day of opening. DO NOT reuse empty containers.
Ponding water creates excessive weight on roofs and may compromise structural integrity leading to a potential collapse hazard. Always follow the National Roofing Contractors Association guidelines to remove ponding water from roof surfaces. SLIP WARNING: Use extreme
caution when walking or working on coated surfaces, and apply traction promoting particles in coating if needed for walkway areas. If there will be foot traffic on roof after installation (and cured), embed 40 - 60 lbs. of #11 ceramic granules per 100 sq ft into top layer of coating to create a non-skid finish. Surfaces without granules are slippery when damp or wet. Use OSHA approved fall protection when on roof surface

CAUTIONS

For exterior use.

Protect from freezing.

Do not apply at temperatures below 50°F. Air and surface temperatures must not drop below 35°F during cure time

Before using, carefully read CAUTIONS on label.

DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

PHYSICAL PROPERTIES

Water Vapor Permeance (US):	11 Perms
Elongation:	360%
Tensile Strength:	240 psi
Solar Reflectance Index:	110
Reflectivity:	0.90
Thermal Emissivity:	0.90
pH @ 77°F	8.5
DFT @ 1 gal/square:	8.4mils

PACKAGING INFORMATION

SKU	SMIS	SIZE
KST041300-28	1556604	250- gallon tote
KST041300-27	9921164	55- gallon drum
KST041300-20	9921156	5- gallon pail

CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with warm soapy water. Flush spray equipment with water. Follow manufacturer's safety recommendations when using solvents

WARRANTY

This product is manufactured in accordance with ISO 9001-2008 standards. Seller and manufacturer's only obligation shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential arising from the use or the inability to use the product for his/her intended use, and user assumes all risk and liability. Color fade is not covered under warranty.THIS LIMITED WARRANTY IS THE BUYER'S SOLE AND EXCLUSIVE REMEDY AGAINST UNIFLEX AND THE SHERWIN-WILLIAMS COMPANY REGARDING THE PRODUCT. IN NO EVENT SHALL UNIFLEX OR THE SHERWIN-WILLIAMS COMPANY BE LIABLE FOR ANY CONSEQUENTIAL, SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE OR OTHER DAMAGES ARISING FROM THE USE OR PERFORMANCE OF THE PRODUCT. Since methods of application and on site conditions can affect performance, UNIFLEX AND THE SHERWIN-WILLIAMS COMPANY MAKE NO OTHER WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE REGARDING THE PRODUCT, AND UNIFLEX AND THE SHERWIN-WILLIAMS COMPANY HEREBY DISCLAIM ALL SUCH OTHER WARRANTIES

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