

Uniflex® Bleed Block Primer

41-530



CHARACTERISTICS

Uniflex® Bleed Blocker Primer is a high-performance waterborne epoxy designed to prevent asphalt bleed through when applied over asphaltic substrates prior to application of Uniflex Silicone coatings improving long term performance and durability.

For use on these surfaces:

Over smooth SBS modified bitumen, granular cap sheets and other approved surfaces.

All substrates should be aged a minimum of 6 months prior to applying coating.

An adhesion test is required to confirm compatibility.

Color:	Blue
Minimum Coverage:	
Wet mils:	16
Dry mils:	8
Coverage:	100 sq. ft. per gallon

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 55°F for 6 hours after application.

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

Tinting:
This product may not be tinted.

Product Characteristics V.O.C. (less exempt solvents): <63 g/L

Volume Solids:	50 ±2%
Weight Solids:	57 ±2%
Weight per Gallon:	10.95 lbs
Flash Point:	None
Vehicle Type:	Waterborne Epoxy
Shelf Life:	24 months, unopened

APPROVALS

As of 01/01/25, Complies with:

APPLICATION

Do not apply below 55°F or when rain is forecast. Applications during periods of low temperature or high humidity (Maximum humidity level: 85%) will extend dry time. Allow 4-6 hours for coating to dry prior to being subjected to rain, heavy dew or temperatures below 55°F.

KEEP FROM FREEZING

Surface must be power washed to remove dirt, loose paint and rust, excessive chalk, and other foreign matter which could prevent proper adhesion. Surface must be completely dry prior to coating.

Airless Spray:	
Pressure	min. 2,800 p.s.i.
Tip	.031" -.041"
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.

IMPORTANT: Where ponding water conditions persist beyond 48 hours, roof drains or other corrective measures must be installed to eliminate water build-up prior to coating the roof.

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

All surfaces must be clean and dry.

CLEAN UP 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

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.

Machine shake or mix with prior agitation prior to use.

RECOMMENDED SYSTEMS

Asphaltic Membranes (APP/SBS Modified Bitumen, Smooth BUR:

1 coat Uniflex 41-530 Bleed Block Primer @ 16 wet mils.

1 coat Uniflex 44-300 White Finish Coat @ 24 wet mils.

Refer to full specifications for additional details.

PHYSICAL PROPERTIES

Elongation:	275%
Tensile Strength:	275 psi
DFT @ 1 gal/square:	8 mils

PACKAGING INFORMATION

<u>SKU</u>	<u>SMIS</u>	<u>SIZE</u>
KST041530-20	651339814	5 gallon pail
KST041530-27	651339830	55 gallon drum

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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.

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.

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.

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