



R1.01 SUPERBRITE NON-FIBERED ALUMINUM PAINT

20-418

PRODUCT INFORMATION	
PRODUCT DESCRIPTION	RECOMMENDED USES
<p>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.</p>	<p>Uniflex® Superbrite Non-Fibered Aluminum Paint protects and preserves metal, built-up roofs, structural steel, wrought iron and chain link fences easily and economically.</p>
PRODUCT CHARACTERISTICS	PERFORMANCE CHARACTERISTICS
<p>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</p> <p>Application Rate: Apply each coat at a rate of 250 - 400 sq. ft. per gal.</p>	



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PRODUCT INFORMATION

RECOMMENDED SYSTEMS	SURFACE PREPARATION				
<p>Porous Surfaces250 - 300 sq. ft. per gal. (.163-.139 L/sq. m)</p> <p>Non-Porous Surfaces350 - 400 sq. ft. per gal. (.116-.102 L/sq. m)</p>	<p>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.</p>				
<p style="text-align: center; font-size: 2em; opacity: 0.1;">KST COATINGS</p>	<h3 style="text-align: center;">APPLICATION CONDITIONS</h3> <p>Do not apply below 50° F or when rain is forecast. Applications during periods of low temperature or high humidity will extend dry time. Allow 4 - 6 hours for coating to dry prior to being subjected to rain, heavy dew or temperatures below 50° F. KEEP FROM FREEZING.</p> <p>Refer to product Application Bulletin for detailed application information.</p>				
	<h3 style="text-align: center;">PACKAGING</h3>				
	<p>5 gallon pails (18.9 liters)</p>				
	<h3 style="text-align: center;">SAFETY PRECAUTIONS</h3> <p>Refer to the MSDS sheet before use.</p> <p>Published technical data and instructions are subject to change without notice. Contact your Uniflex® representative for additional technical data and instructions.</p>				
<h3 style="text-align: center;">KST020418</h3>	<h3 style="text-align: center;">WARRANTY</h3>				
<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">SMIS #</td> <td style="width: 50%;">SIZE</td> </tr> <tr> <td>992-1024</td> <td>5 gal. pail</td> </tr> </table>	SMIS #	SIZE	992-1024	5 gal. pail	<p>This product is manufactured of good materials and by competent workmen. Seller's 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.</p>
SMIS #	SIZE				
992-1024	5 gal. pail				
<h3 style="text-align: center;">DISCLAIMER</h3>	<p>Uniflex® is a U.S. registered trademark.</p> <p>The information on this data sheet is effective as of August 2007 and supersedes all previous information.</p>				
<p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of KST Coatings – A Business Unit of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Uniflex® representative to obtain the most recent Product Data Information and Application Bulletin.</p>					

APPLICATION BULLETIN

SURFACE PREPARATION

Surface must be power washed (minimum 2,000 psi) 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.

Previously Coated Surfaces: Any surface preparation short of total removal of the old coating may compromise the service length of the system. Check for compatibility by applying a test patch of the recommended coating system, covering at least 2 to 3 square feet. Allow one week to dry before testing adhesion per ASTM 3359. If the coating is incompatible, complete removal is required.

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.

Metal Roofs: Remove all loose rust and prime areas where existing rust was cleaned using Uniflex[®] Rust Inhibitive Metal Primer (refer to data sheet #34-520). Replace loose and/or missing fasteners. Repair defective seams, small holes, flashings, around roof curbs and skylights with Uniflex[®] Seam Tape (refer to Seam Tape data sheet). Seam Tape must then be primed with Uniflex[®] Elastomeric prior to coating.

NOTE: New metal roofs contain residual oils from the manufacturing process of the panels. Allow the roof to weather six months before coating, remove all oil and grease by steam cleaning per SSPC-SP1.

Built-up and Modified Bitumen Roofs: Repair torn flashings, parapet walls, large blisters and surface breaks. Dried out asphalt roof surfaces may need to be primed using Black Asphalt Primer (refer to data sheet #20-412). Alligatored roofs require coating with Uniflex[®] Asphalt Emulsion (refer to data sheets #40-312 or 40-314).

NOTE: New asphalt or newly installed modified bitumen roofs should weather 30 - 90 days prior to application of Uniflex[®] Superbrite Non-Fibered Aluminum Paint.

APPLICATION CONDITIONS

Apply at temperatures over 50° F. Do not apply when rain is forecast. Allow 4 - 6 hours before exposing coating to rain, heavy dew or temperatures below 50° F. **KEEP FROM FREEZING.**

APPLICATION EQUIPMENT

Inspect preliminary work relating to substrate for problem areas to ensure all preparatory work has been properly completed.

Coating must be thoroughly mixed before and during application. Continue to stir occasionally during application.

Airless Spray

- Pressure: 2,000 psi.
- Spray tip: Reversible, self-cleaning tip without diffuser pin. Size between .010-.012" with a fan angle of 40° or 50°.
- Hose Size: At 300' total hose length, use 250' of ¾" → 50' of ½" → 10' swivel whip end ⅜" hose.
- General: The longer the hose, the smaller the tip orifice size.

Brush/Roll

- Soft brushes or a ¾" - 1" nap roller may be used. (Roller application may be difficult because of irregular surfaces and may also require two applications to obtain required thickness.)

APPLICATION BULLETIN

APPLICATION PROCEDURES	CLEAN-UP INSTRUCTIONS
<p>Surface Preparation must be completed as indicated.</p> <p>Mixing Instructions: Coating must be thoroughly mixed before and during application. Continue to stir occasionally during application.</p> <p>Application Rate: Apply each coat at a rate of 250 - 400 sq. ft. per gal.</p> <p>Dry Time: Exposure to rain or heavy dew: 4 - 6 hours Between coats and before foot traffic: 3 - 5 days Drying time is temperature, humidity and film thickness dependent.</p> <p>Clean Up: Mineral Spirits</p>	<p>Inspect completed application and correct any defects. Manufacturer's representatives may inspect the completed roofing system and notify the Contractor of any defects in the application. Clean up all debris, excess materials and equipment and remove from site. Restrict traffic to only essential personnel. Provide appropriate protection against traffic and construction activities on completed roofs.</p>
	PERFORMANCE TIPS
	<ul style="list-style-type: none"> • Coating must be thoroughly mixed before and during application. • It is recommended that the coating installation be checked on regular maintenance schedule. Small area touch up can be made at any time following recommended application procedures. • Technical advice on use of material for specific application and end use requirements is available from the manufacturer. Material Safety Data Sheet (MSDS) should be consulted for further information. This product is for industrial and professional use only. • Any discharge of fumes or possible contaminants must be noted. Contact Uniflex[®] to determine if fumes or matter being exhausted will interfere with adhesion. • Note: Slope of roof area must not be less than ¼" per foot.
	SAFETY PRECAUTION
	<p>Refer to the MSDS sheet before use.</p> <p>Published technical data and instructions are subject to change without notice. Contact your Uniflex[®] representative for additional technical data and instructions.</p>
	WARRANTY
	<p>This product is manufactured of good materials and by competent workmen. Seller's 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.</p>
DISCLAIMER	
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