

UNIFLEX[®]

Industrial Roof Coatings

41-510

PRODUCT INFORMATION**RECOMMENDED SYSTEMS**

Smooth BUR/ Modified Bitumen.....3 gallons per 100 sq. ft.
 Elastomeric MB Base Coat @ 1½ gallons per 100 sq. ft.
 Elastomeric Finish Coat @ 1½ gallons per 100 sq. ft.

SURFACE PREPARATION

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.

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.

APPLICATION CONDITIONS

Do not apply below 50° F (10° C) 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.

Refer to product Application Bulletin for detailed application information.

PACKAGING

275 gallon totes (1040.9 liters)
 55 gallon drums (208.2 liters)
 5 gallon pails (18.9 liters)

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Uniflex[®] representative for additional technical data and instructions.

KST041510**WARRANTY**

This product is manufactured of good materials and by competent workmen. Seller and manufacturer's only obligations 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.

Uniflex[®] is a U.S. registered trademark.

The information on this data sheet is effective as of August 2007 and supersedes all previous information.

DISCLAIMER

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.

SMIS #	SIZE
155-6646	275 gal. tote
992-1271	55 gal. drum
992-1263	5 gal. pail

APPLICATION BULLETIN

SURFACE PREPARATION	APPLICATION CONDITIONS
<p>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.</p> <p>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 - 3 square feet. Allow one week to dry before testing adhesion per ASTM 3359. If the coating is incompatible, complete removal is required.</p> <p>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.</p> <p>For the following substrates refer to system specification for detailed application procedures.</p> <p>Built-up and Modified Bitumen Roofs: Refer to system specification. Repair any blisters, open seams, splits and flashings with Polyester Fabric (refer to data sheet #20-385) and Acrylic Patching Cement (refer to data sheet #41-220). Apply Uniflex[®] Elastomeric MB Base Coat.</p>	<p>Do not apply below 50° F (10° C) 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>
	APPLICATION EQUIPMENT
	<p>Inspect preliminary work relating to substrate for problem areas to ensure all preparatory work has been properly completed.</p> <p>Apply with a soft brush (avoid excessive brushing), roller or airless spray. Uniflex[®] 41-510 Elastomeric MB Base Coat is to be applied as a base coat prior to applying the Uniflex[®] 41-300 White Elastomeric Coating (refer to data sheet #41-300). Allow Uniflex[®] 41-510 Elastomeric MB Base Coat 24 hours prior to applying the Uniflex[®] 41-300 White Elastomeric. This product has excellent suspension and requires minimal stirring. DO NOT THIN.</p> <p>Airless Spray</p> <ul style="list-style-type: none"> • Pressure: 3,300 psi • Spray tip: Reversible, self-cleaning tip without diffuser pin. Size .031" with a fan angle of 60° (ex. 631). • Hose Size: At 300' total hose length, use 250' of ¾" → ½" 10' swivel whip end ¾" hose. • General: The longer the hose, the smaller the tip orifice size. <p>Brush/Roll</p> <ul style="list-style-type: none"> • Soft brushes or a ¾" nap roller may be used. May require multiple coats to achieve proper coverage.

APPLICATION BULLETIN

APPLICATION PROCEDURES	CLEAN-UP INSTRUCTIONS
<p>Surface Preparation must be completed as indicated.</p> <p>Mixing Instructions: Minimal stirring required.</p> <p>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.</p> <p>Dry Time: Exposure to rain or heavy dew: 4 - 6 hours Between Coats and before foot traffic: 24 hours minimum Drying time is temperature, humidity and film thickness dependent.</p> <p>Clean Up: Warm, soapy water</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"> • Inspect base coat prior to applying finish coat to ensure proper adhesion and that surface is clean. • Use wet mil gauge to ensure proper coating requirement. • Allow 24 hours between coats or before foot traffic. • 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
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	WARRANTY
	<p>This product is manufactured of good materials and by competent workmen. Seller and manufacturer's only obligations 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>
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