

PRODUCT DESCRIPTION

Uniflex® CoolMax41™ Hi-Build Elastomeric White Finish Coat is a 100% acrylic, high performance elastomeric white roof coating that is designed for desert climate conditions. Its high build formula provides excellent hide and dirt pickup resistance.

RECOMMENDED USES

As a finish coat in fluid applied roofing systems over metal, urethane foam, concrete, smooth BUR, asphalt and modified bitumen, granular cap sheets, single ply membranes, and other approved surfaces.

Recommended base coats:

Modified Bitumen: Uniflex MB Base coat 41-512
SPF: Uniflex Commercial Grade Acrylic Elast. Gray 41-520
Single Ply: Uniflex SPE Base coat 41-321

PACKAGING INFORMATION

| SKU | SIZE |
|--------------|----------------|
| KST041505-27 | 55 gallon drum |
| KST041505-20 | 5 gallon pail |

APPLICATION EQUIPMENT

Airless Spray

- Hydraulic pump with minimum pressure of 2,800 psi
- Spray tip: Reversible, self-cleaning tip without diffuser pin.
- Size .033" with a fan angle of 60° (ex. 633)
- Hose Size: At 300' total hose length, use 250' of ¾" to ½" 10" swivel whip and ¾" hose.
- General: The longer the hose, the smaller the tip orifice size.

Brush/Roll

- Soft Brushes or a minimum ¾" nap roller may be used. May require multiple coats to achieve proper coverage.

WARRANTY

This product is manufactured in accordance to 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.

PRODUCT CHARACTERISTICS

| | |
|---|--|
| Color | White |
| Vehicle Base | 100% Acrylic |
| Weight per Gallon | 11.8 lbs |
| Solid by Weight (ASTM D 1644) | 64 ± 2% |
| Solid by Volume (ASTM D 2697) | 50 ± 2% |
| Viscosity @ 73 °F (ASTM D 562) | >140 KU |
| Total Dry Film Thickness (@ 1.5 gal/100 sq. ft. Two coats required) | 20 mils |
| Dry Time | |
| Exposure | 4-6 hours |
| Between coats | 24 hours minimum |
| Return to Service | 24-36 hours |
| | <i>Drying Time is temperature, humidity and film thickness dependent</i> |
| VOC | ≤ 50 g/L |
| pH | 9.0 ± 1.0 |
| Specific Gravity | 1.42 |
| Flash Point | None |
| Solvent | Water |
| Clean Up | Warm, soapy water |

PERFORMANCE CHARACTERISTICS

| | |
|----------------------------------|-------------|
| Elongation/Tensile @ 73 °F | |
| Initial Elongation (ASTM D 2370) | 300% |
| Tensile Strength (ASTM D 2370) | 150 psi |
| Permeance (ASTM D 1653) | 18 US perms |

APPLICATION CONDITIONS

Do not apply below 50 °F (10 °C) 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 50 °F.

KEEP FROM FREEZING. Refer to product application bulletin for detailed application information.

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.

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 the publication. Consult your Uniflex Technical Representative to obtain the most recent Product Data Information.

If further information is needed, contact Uniflex Technical Service at
1-888-321-3539