

APRIL 2023



# KNIGHTSHIELD

## KS-5900

### Acrylic Bleed Block Roofing Primer

#### DESCRIPTION

KNIGHTSHIELD KS-5900 is a single component, plasticizer free, water-based acrylic bleed block roofing primer.

#### USES

KNIGHTSHIELD KS-5900 is intended to be applied over asphaltic roofs or asphaltic detail areas prior to the application of a reflective KNIGHTSHIELD silicone roof coating.

#### FEATURES/BENEFITS

- Low VOC content
- Water cleanup
- Dries / cures at room temperature
- Provides excellent adhesion to asphaltic surfaces

#### PACKAGING

5 Gal. (18.9 L) Pails

#### SHELF LIFE

Twelve months from date of manufacture in the original, unopened container stored at 80°F or below under shaded conditions away from sources of heat or ignition.

#### APPLICATION

**Surface Preparation** ... All surfaces to be coated must be clean, dry and free of contaminants. It may be necessary to use a cleaner and/or power wash the substrate prior to application of KNIGHTSHIELD KS-5900 to enhance adhesion.

**Mixing** ... KNIGHTSHIELD KS-5900 is supplied as a single component product. If a clear layer is seen at the surface upon opening the container, mix until uniform.

**Application Method** ... Apply by spray, roller or brush. Standard application rate is 16 wet mils or 1 gal / 100 sq feet but application rate may vary depending on type of substrate.

Brush – Synthetic Filament

Roller – 1¼" Nap

Spray – 3000 psi at 2.5-3.0 gallons / minute, Tip 0.17 to 0.29, 40-50° fan angle, 12-inch wand extension, 3/8" pressure line

#### TECHNICAL DATA

Volume Solids	50% +/- 2%
Application Temperature Range	35° - 120° F (1.7° - 49° C)
Perms by ASTM 1653	3
Topcoat Window	Next Day
Rain Ready >70°F, RH <70%	3-4 hrs
VOC Content	<50 grams/liter

#### Available Colors

Ivory

**Clean Up** ... With water. Soap and water may be required if partially dried.

#### LIMITATIONS/PRECAUTIONS

Protect from freezing. Do not apply over wet surfaces.

Do not apply if temperature is below 35° F (1.7° C) or if the temperature will fall to within 5 degrees of the dewpoint within 4 hours of the application, or if there is a threat of rain within 4 hours of the application.

Do not heat container or store at temperatures below 35° F (1.7° C). Be sure the lid is tight and the pail is secured when transporting. Do not allow pail to tumble as this may loosen the lid and allow leakage or spillage to occur.

This product is intended for use only by professional applicators.

For most recent data sheet, LEED information and SDS, visit [www.wrmeadows.com](http://www.wrmeadows.com).

CONTINUED ON REVERSE SIDE ...

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**LIMITED WARRANTY**

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.