



WSM8 MINING & SAFETY APPLICATION

TO PREPARE A “WEATHERSKIN READY” SUBSTRATE

Concrete Application

Cure concrete for a minimum of 14 days. Remove all dirt using a wire brush by scrubbing then power wash. Allow surface to dry fully. Any prior coating should be removed prior to application. If coating is not removed the bond could be compromised. If coating is not removed, ensure that WSM8 will be compatible when being applied over-top. Contact Weatherskin Corporation before proceeding to ensure warranty.

Metal Application

Using a detergent, power wash the metal surface and rinse thoroughly. Rinse thoroughly and let dry before coating.

Wood Preparation

Remove any dirt, loose paint and dust from wooden surface by scrubbing or power wash. Use a detergent if necessary. Sand wood using 120-180 grid sand paper for a smoother surface. Rinse with water and let dry. Treat cracks and expansion joints as stated above.

ICF Foam Block/Polystyrene Foam Preparation

Remove dust and dirt with broom. Do not use pressure washer. Scrape away any spray foam protrusions. Ensure surface is free of any other finishes, oils or grease.

LIMITATIONS: Weatherskin WSM8 Mining and Safety membrane will not replace concrete or metal filler, spray foam, epoxy or other exterior fillers in large gauges/holes/cracks/voids. Any large deficiencies must be attended to prior to application of the WSM8 membrane.

NOTE: Any substrate should be free of grease, oil, rust, dust and other particulates. Loose spray-foam and protruding fasteners/fixtures should be either scraped away, sanded or recessed before application commences.

NOTE: Any jobsite and substrate should be reviewed by client before work commences. Any safety procedures and requirements should be in place before work commences. Please consult the safe work requirements outlined by your company safety manual if available, your client's safety manual if available, and your local government authorities safe work practises. Make sure any corresponding permits and/or inspections are in place before work commences.

NOTE: Weatherskin is not warrantied when applied to raw edge surfaces such as rock or mine walls. Weatherskin can not ensure a proper bond or adhesion.



ONCE THE SUBSTRATE IS “WEATHERSKIN READY”

Ensure applicator is wearing all Personal Protective Equipment (PPE) and that PPE has been reviewed by applicator to ensure it is in proper working condition.

- **Mask off and protect any areas of job that need to be protected from membrane overspray.**
- **Trowel or brush in a thick layer of WSM8 in any remaining minor surface fractures, voids or deficiencies before spray application commences.**
- **(If requested) Weatherskin seam fabric can be used along visible seams and around protruding mechanical. Brush a heavy coat of WSM7 into the seam and a minimum 4 inches on either side of the seam, and immediately afterwards lay the seam fabric over the seam matching center of fabric and center of seam, avoiding folding or wrinkling of fabric. Brush a second coat over the fabric before proceeding with further application steps below.**
- **Cut in any areas with paint brush that are either inaccessible by sprayer or roller, or that need to be protected from overspray.**
- **Apply first coat. Spray or roll WSM8 in a horizontal motion. Re-spray or back-roll the same area in a vertical motion. Ensure any drips are corrected for an attractive finish. This “cross-hatch” application ensures an even coat.**
- **Refer to data sheet for correct dry-time between coats.**
- **Apply following coats using same method as first coat, until required membrane thickness or finish is achieved.**
- **Refer to the data sheet for correct storage and equipment cleaning.**
- **Refer to data sheet for correct cure-time before disturbing finished product.**

TOOLS THAT MAY BE REQUIRED:

Putty Knife/Stucco Trowel
Utility Knife
Extension Cord
Generator
Masking Paper
Masking Tape
Masking Medium Weight Poly
Paint Brush
Paint Roller and 16mil Pads
Airless sprayer 2300-2700 PSI
0.019” – 0.023” Sprayer Tips
Caulking Gun
Extra Buckets for Clean-up
Rags for Clean-up
Water Accessible for Clean-up
Garbage Bags for Clean-up

MATERIALS THAT MAY BE REQUIRED

WSM8 Mining and Safety Membrane
Elastomeric Caulking
Seam Tape

REQUIRED SAFETY EQUIPMENT FOR APPLICATOR

Safety Vest
Safety Goggles
Steel Toe Footwear
Hard Hat
Dust Mask
NIOSH Approved Respirator
Gloves (Optional)
Full Body Throw-Away Suit (Optional)
Fall arrest equipment (If needed)