



# TANK AND VESSEL MEMBRANE 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 WSM3 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. If rusting, tend to rust with an approved rust inhibitor prior to application.

### Spray Foam/Polystyrene Foam Preparation

Remove and 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 WSM3

Tank and Vessel 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 WSM3 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.



## 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 WSM3 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 WSM3 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 WSM3 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  
Ladders/Scaffold/  
Boom or Lift for Large Vessels  
Extra Buckets for Clean-up  
Rags for Clean-up  
Water Accessible for Clean-up  
Garbage Bags for Clean-up

## MATERIALS THAT MAY BE REQUIRED

WSM3 Tank and Vessel 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)