

# PROTECTO LWM200

## LIQUID WATERPROOFING MEMBRANE



Premium Building Products  
That Protect



Protecto Wrap's liquid waterproofing membrane for window/door openings is a non hazardous, environmentally friendly, elastomeric polymer dispersion waterproofing membrane. Protecto Wrap's waterproofing membrane is a water-based non-bituminous, aqueous polymer dispersion that is specifically designed for the demanding requirements of waterproofing window, door and CMU openings as well as waterproofing commercial and residential foundations.

### BENEFITS

- ◆ **One coat application** (based upon a 30 mil wet application)
- ◆ **No primer required**
- ◆ Will stop water leaks in non structural cracks
- ◆ Can be applied to damp openings
- ◆ Allows for easy reapplications and repairs
- ◆ Continuous coating, eliminates seams
- ◆ Can be applied completely around the opening
- ◆ Paintable, UV stable, will not emulsify
- ◆ Compatible with most commonly used building and window substrates, such as OSB, plywood, CMU, vinyl, aluminum, DensGlass Gold®, treated lumber and various foam insulated products
- ◆ Standard color is tan
- ◆ Brush or roller applied
- ◆ Reduces potential for mold growth
- ◆ Permeable
- ◆ 90 day UV Exposure

### LIMITATIONS

Do not let product freeze. Do not dilute liquid applied waterproofing membrane. Store indoors at temperatures above 40°F (4°C). The temperature should be 32°F (0°C) and rising before application. Do not leave product in direct sun light. Do not leave container open when not using liquid applied waterproofing membrane. Do not use during rain or snow storms.

KEEP OUT OF REACH OF CHILDREN.

**COVERAGE:** Approximately 65 Sq. Ft. Per gallon (based upon a 30 mil wet application) and depending upon the porosity of the surface. Call your Protecto Wrap Representative for additional information.

### PREPARATION

Repair all structural deficiencies before applying LWM200. Protect areas or surfaces not to be coated, such as doors, windows and floors, prior to applying LWM200 Liquid Waterproofing Membrane.

Non structural gaps and cracks up to 1/16" can be sealed with LWM200. Gaps and cracks 1/8" - 1/4" must be sealed with Protecto Sealant 25XL or Protecto Patch. Gaps and cracks 1/4 - 3/8" must be filled with Protecto Patch. Gaps larger than 3/8" must be repaired prior to applying LWM200 Liquid Waterproofing Membrane.

### APPLICATION

LWM200 Liquid Waterproofing Membrane may be applied with a brush or roller **without dilution**. Equipment cleans up with water.

A spray applied version of LWM200 Liquid Waterproofing Membrane is available upon request. Call your Protecto Wrap Representative for additional information. For commercial and residential foundation applications, use the spray applied version.

For a spray application, and depending upon sprayer equipment used, the recommended orifice size is 0.027 to 0.031 inches with a minimum pressure of 1800 psi. Equipment cleans up with water.

A minimum total wet application of 30 mils and a surface with 10 or less pinholes per square foot is required for a waterproofing system using a brush, roller, or spray application.

### WARRANTY

Protecto Wrap Company expressly warrants, subject to the Exclusion of Warranties provision set forth below, that its products shall be fit for the ordinary purposes for which such products are intended for a period of ten (10) years. **NO OTHER EXPRESS WARRANTIES AND NO IMPLIED WARRANTIES** including implied warranties of MERCHANTABILITY and/or fitness for a particular purpose shall be applicable to any product(s) of Protecto Wrap Company, except to the extent that any of such products are specifically covered by an expressed warranty that is provided in writing to a particular purchaser by an authorized employee of Protecto Wrap Company.

In the event of a breach of any product warranty extended by Protecto Wrap Company, Protecto Wrap Company's liability and the associated claimant's sole and EXCLUSIVE REMEDY is EXPRESSLY LIMITED to the repair or replacement of the defective product(s) FOB Denver on a pro rata basis according to the original sale price, so that the claimant will effectively be charged only for that portion of the normal useful life of the defective product(s) which has elapsed since the purchase date of the product(s). Under no circumstances shall Protecto Wrap Company be liable for any consequential damages, including any labor costs that may be associated with a breach of any product warranty extended by Protecto Wrap Company.

### EXCLUSION OF WARRANTIES

Protecto Wrap Company assumes no warranty regarding the installation of its products. In addition, if Protecto Wrap Company's products are not properly installed, then no product warranties, expressed or implied shall apply to the products that have been improperly installed.

### TECHNICAL DATA

### TECHNICAL SERVICES

Technical advice furnished by Protecto Wrap Company concerning any use or application of LWM200 Liquid Waterproofing Membrane is reliable as current technology allows. Protecto Wrap Company makes no warranty, expressed or implied, of any use of application for which such advice is furnished.



Properties	Test Method	Test Results
Permeabilities	ASTM D1653B	Inverted: 13.23 @ 30 mil dry/14.98 @ 20 mil dry Standard: 8.64 @ 30 mil dry/6.74 @ 20 mil dry
Water Penetration	ASTM E331	Passed 15 psf/DP80
Temperature Cycling	ASTM E2264-05	Passed at Level 3, thermal cycling at 0°F to 180° F (-18°C to 82°C)
Hydrostatic Pressure Over Cracks	ASTM C836-95	35.45 Bursting Pressure (ft. H <sub>2</sub> O)
Low Temperature Flexibility & Crack Bridging	ASTM C836, Section 6.7	No cracking or damage was observed
Adhesion Strength	ASTM C836, Section 6.10	Average 2.634 lbf/in
Resistance to Water	ASTM D2939, Section 15	No softening or loss of adhesion
Extensibility after heat aging	ASTM C836, Section 6.12	No breaking, cracking or tearing of the film was observed
Extensibility after resistance to Decay	ASTM E154	No rupture, cracking or pinholes were observed
Color Fastness of Surface Coating	ASTM D2565	No change was observed after 1000 hours of exposure
Resistance to Mold Growth	ASTM D3273-94	No mold growth was observed
Water Absorption 7 Day Exposure	ASTM D471	38.8% @ 30 mil dry 34.6% @ 20 mil dry
Tensile @ Peak	ASTM D412	71 psi @ 30 mil dry 73 psi @ 20 mil dry
Elongation @ Break	ASTM D412	597% @ 30 mil dry 604% @ 20 mil dry

Drying time @ 77°F (25°C), 50% RH: Temp & humidity dependent  
Touch: within an hour

Regulatory Information  
US Federal regulations: Exempt from TSCA  
O.S.H.A.: Non Hazardous  
CERCLA: Noncarcinogenic Hazard Section 313  
Vehicle Type: Acrylic blend  
VOC: Contains <190 gm/l voc



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