

LIQUID MEMBRANE

Liquid Waterproofing

SEMCO

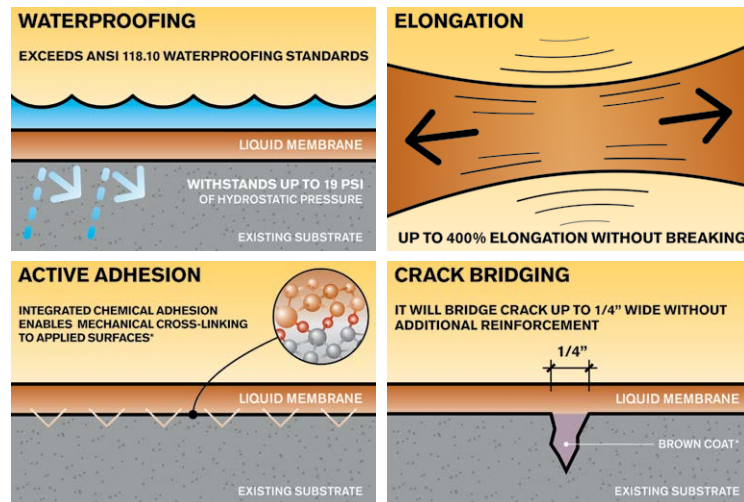
modern seamless surface

SURFACE ENGINEERING COMPANY

Technical Product Information

PRODUCT DESCRIPTION

SEMCO's Liquid Membrane is a single component waterproofing and anti-fracture membrane. The Liquid Membrane is a self-contained elastomeric fluid suspended in a copolymer adhesive, this revolutionary blend enables easy application while providing excellent bridging, and waterproofing. When combined with SEMCO's X-Bond Seamless Stone, two-stage waterproofing is achieved, enabling single source protection.



SUBSTRATES

- Concrete
- Plywood
- Stone
- Exterior/Interior Cladding
- Residential, Industrial, and Commercial

FEATURES / BENEFITS

- Waterproofing: interior, exterior and below grade
- Crack bridging
- Anti-fracture



APPLICATION AND SPECIFICATIONS

Application	Airless sprayer tip size 21 at 2,500 PSI or roller (2 coats minimum)
Application environment	Apply at temperatures from 50°F to 90°F
Drying time	25 to 30 minutes at 72°F
Cure time	50% in 72 Hours, 100% in 7 Days
Color	Orange (also available in different colors on request)
Chemical type	Latex - crosslink hybrid
Clean up	Water
Shelf life	2 years
Water test	In 35 minutes after application
Packaging (base and color activator)	1 gal., 5 gal. and 55 gal.

COVERAGE (sq. ft. per gallon of mixture)

Open pore substrates	100-200
Closed pore substrates	140-250
X-Bond Scratch Coat	200-300

ASTM TEST RESULTS

ANSI 118.10 – Breaking Strength (ASTM D751, Procedure B)	Pass
ANSI 118.10 – Dimensional Stability (ASTM D1204)	Pass
ANSI 118.10 – 7-Day Shear Strength (ASTM C482-9.8)	173 PSI
ANSI 118.10 – 7-Day Water Immersion Shear Strength	132 PSI
ANSI 118.10 – 4-Week Shear Strength	234 PSI
ASTM E96 – Water Vapor Transmission	1.52 (g/hr-m2)
ASTM E96 – Water Vapor Transmission: Permeability	0.135 (perm-in)
ISO 37 – Tensile Strength (ASTM D412): Maximum Stress	390 PSI
ISO 37 – Tensile Strength (ASTM D412): Ultimate Elongation	400%

PRECAUTIONS

Always test a small area first to determine ease of application and desired results. When performing a flood test remove all excess water if test is performed prior to 100% curing. Not for use on humans or animals. Be sure to read container label and Safety Data Sheet for additional handling requirements before using this product.

LIMITED WARRANTY NOTICE

SEMCO Modern Seamless Surface warrants that its products will meet their specifications. There are no other warranties, expressed or implied of merchantability or fitness of use. The only obligation of the seller-manufacturer shall be to replace material found to be defective. SEMCO Modern Seamless Surface will not be liable for labor or consequential damage of any kind. The information contained herein is, to the best of our knowledge and belief, true and accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. All chemicals may present unknown health hazards and should be used with caution.

FLOORS | WALLS | POOL DECKS | WATERPROOFING
REDEFINING THE ART OF SURFACE CREATIVITY FOR OVER 25 YEARS USING GREEN MATERIALS