



PRECON[®]

PRE-APPLIED / UNDERSLAB WATERPROOFING MEMBRANE

WATERLESS.
VAPORLESS.
CONFIDENCE.



Keep confidence in and water out.

Water is adept at tunneling and forging new paths. The last place it should be, however, is in the buildings where we live, work and play. Long-lasting PRECON membrane ensures the strongest bonds with your foundations, so the water outside stays outside.

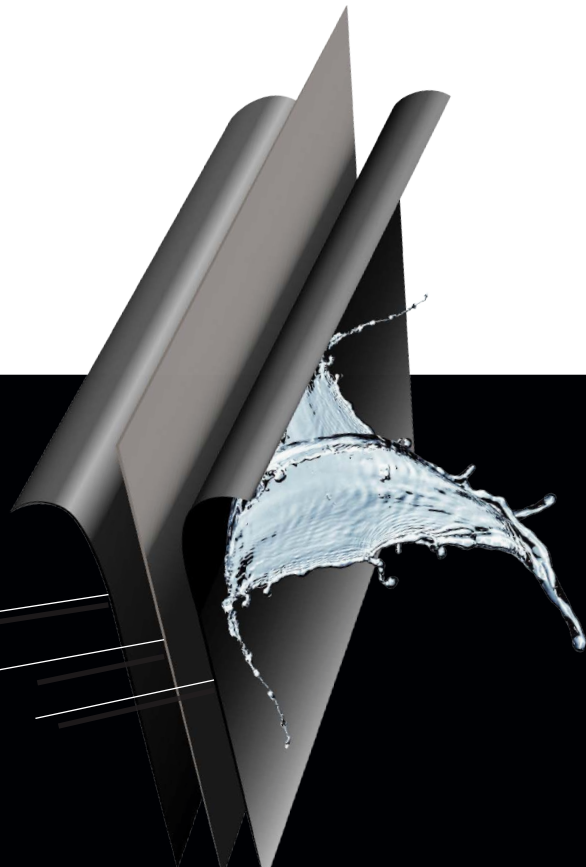
PRECON waterproofing, vaporproofing blindside and underslab membrane fortifies structural foundations, even in demanding environments. Its composite sheet membrane is comprised of a non-woven fabric, elastomeric membrane and W. R. MEADOWS' exclusive, patented PLASMATIC CORE.

PRECON Composite Sheet Membrane

Non-woven fabric

Elastomeric membrane

Patented PLASMATIC CORE



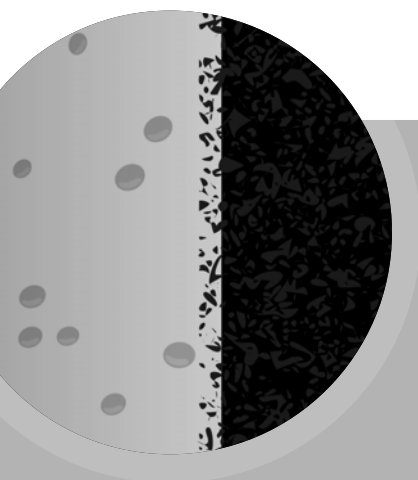
Protecting the indoors from the outdoors.

Withstanding intense pressure and unfavorable conditions, PRECON waterproof membrane keeps foundations strong and structures dry.

PRECON is proven to not only block the ingress of water, but also inhibit vapor intrusion for an environmentally friendly indoor environment. Designed for long-term toughness, the seven-layer matrix PLASMATIC CORE provides the industry's lowest water vapor transmission (WVT) rating.

Superior bonds for a powerful seal.

Secure mechanical bonds form between PRECON fabric and curing concrete. These tenacious bonds create a solid waterproofing system that effectively protects foundations from water damage in both underslab horizontal and blindside vertical applications.



PRECON bonds at the molecular level.

As soon as the foundation concrete is poured and begins to cure, PRECON fabric forms interlocking bonds that create an unmatched waterproofing barrier.

PRECON is more than a waterproof seal.

Its waterproofing system is designed to protect foundations against a spectrum of problems.

- Waterproof/vaporproof seal
- Reduces methane and radon gas intrusion
- Resilient mechanical bond
- Vertical blindside application
- Horizontal underslab application



TECHNICAL DATA*

PROPERTY	TEST METHOD	PRECON RESULTS
Color		Black
Thickness	ASTM D 1000	73 mil (1.85 mm)
Low Temp Flexibility	ASTM D 1970, 180° @ -25° F (-32° C)	Pass
Resistance to Hydrostatic Head	ASTM D 5385-93	230' (70 m)
Elongation	ASTM D 412-06	> 400%
Tensile Strength, Film	ASTM D 882	9200 psi (63.4 MPa)
Crack Cycling	ASTM C 836 @ -15° F (-26° C)	Pass
Puncture Resistance	ASTM E 154	> 210 lb. (> 934 N)
Peel Adhesion to Concrete	ASTM D 903	10 lb./in (1754 N/m)
Moisture Vapor Transmission	ASTM E 96B	0.0011 perms (0.0004 grains/ft. ² /hr) (0.007 grams/m ² /24 hr)
Radon Transmittance (m/s)	k124/02/95	<3.0 x 10 ⁻⁹
Radon Coefficient (m2/s)	k124/02/95	<5.6 x 10 ⁻¹²

* For low temperature installations, PRECON LOW TEMP is available and can be installed in temperatures as low as 25° F (-4° C).



Arizona State University Center for Law and Society

Waterproof barrier of choice for notable projects.

PRECON is the preferred and trusted waterproofing solution for a wide-range of projects across a spectrum of environments.

Arizona State University Center for Law and Society

50,000 square feet, LEED-Certified Gold
Phoenix, Arizona, USA

Dallas/Fort Worth International Airport

240,000 square feet
DFW Airport, Texas, USA

Cancer Center at Munson Medical Center

52,000 square feet, LEED-Certified
Traverse City, Michigan, USA

Toronto Transit Commission Subway System

300,000 square feet
Toronto, Ontario, Canada

Marina Heights

940,000 square feet – LEED-Certified Silver
Tempe, Arizona, USA

Verizon Data Center

40,000 square feet
Southlake, Texas, USA

W. R. MEADOWS' products are designed together to work as one.



HYDRALASTIC 836 is a cold-applied, solvent-free, single-component waterproofing compound. It has low volatile organic compound (VOC) content and very low odor. It will not shrink or crack in extreme cold or slump at high temperatures.



HRM 714 is a hot-applied rubberized asphalt waterproofing membrane. It's a 100% solids blend of asphalts, synthetic rubber polymers and filler formulated for toughness, flexibility and low moisture vapor permeance.



MEL-ROL is a flexible, versatile, dependable, roll-type waterproofing membrane. It is composed of a nominally 56 mil thick layer of polymeric waterproofing membrane on a heavy duty, four-mil thick, cross-laminated polyethylene carrier film. The two components are laminated together under strict quality-controlled production procedures.



MEL-ROL LM is a single-component, polymer-modified, cold-applied, water-based, liquid membrane ideal for below-grade vertical seamless waterproofing applications. We have taken the same high quality rubber polymers found in our successful MEL-ROL "peel and stick" membrane and converted them into a heavy-bodied, high solids, quick drying liquid membrane.

Call 800.342.5976 to request a FREE waterproofing contractor's handbook.

Visit wrmeadows.com/precon to view or request guide specifications,

CAD details, independent test results and more.



Trusted performance. Lower cost. Easy installation for all applications.

Beginning with design, a building requires trusted waterproofing that performs to the highest standards and fits within budgets.

Final installation on the jobsite demands a durable product that goes up with efficiency and ease.

PRECON's proven seal delivers protection against water and other common intrusions. It keeps budgets in check with lower costs. It installs with ease in any construction environment, including difficult blindside applications.

APPLICATIONS:

- Offices
- Retail Complexes
- Hospitals
- Airports
- Utilities
- Universities
- Industrial Applications
- Laboratories
- Subways

Improving ways to keep water out.

W. R. MEADOWS has been supplying the building industry with quality materials since 1926. Our team of industry experts has the knowledge to ensure your project gets done right with the right products.

PRECON is available from all authorized W. R. MEADOWS distributors. Contact us to find your closest authorized distributor. Our distributors can also supply educational materials and product samples.

For more information on our complete line of building envelope products, visit wrmeadows.com.



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