

See Reverse for
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Water.

Proof.



HydraFlex™ waterproofing crack isolation membrane.

HydraFlex™ is a ready-to-use flexible, mold and mildew resistant waterproofing crack isolation membrane that can be used in both interior and exterior applications. It forms a smooth, monolithic and watertight surface over walls, floors and ceilings. HydraFlex™ membrane stops in-plane cracks up to 1/4" (6 mm) wide at the subfloor from telegraphing through to ceramic, porcelain and stone tile. It applies and dries quickly. After two coats, you're ready to install the same day.

Let HydraFlex™ protect your tile installations.

Visit tecspecialty.com to learn more.



Ready-to-use, flexible, mold and mildew-resistant waterproofing crack isolation membrane for interior and exterior applications. Forms a smooth, monolithic, watertight surface over walls, floors and ceilings. HydraFlex™ Membrane stops in-plane cracks in the substrate up to 1/4" (6 mm) from transferring through the tile or stone. For residential to extra-heavy commercial applications.



Easy roller, trowel or spray application



Resists mold and mildew growth

Accepted By



IAPMO approved

Features and Benefits

- Exceeds ANSI A118.10 Specifications for Waterproof Membranes
- Exceeds ANSI A118.12 Specifications for Crack Isolation Membranes
- Use for Positive Hydrostatic Pressure applications
- Fast drying – ready for tile installation in 2 to 3 hours
- Easy roller, trowel or spray application
- No mesh required*
- Apply over new (green) concrete as little as 3 days old
- Isolates cracks up to 1/4" (6 mm)
- Resists mold and mildew growth

*except for waterproofing installations at changes in-plane and substrate joints

Packaging

Available in:

One U.S. gallon plastic pails (3.78 L)
Product #7002745011

5 U.S. gallon plastic pails (18.93 L)
Product #7002741511

TEC® Waterproofing Mesh available in:
6 in. x 50 ft. rolls
Product #3317599011



HydraFlex™ Technical Data

Coverage	Approximately 50 sq. ft. (4.65 M ²) per gallon when applied at recommended 50 mil wet film thickness. Coverage is approximate and may vary depending upon substrate condition.	
Physical State	Liquid: Acrylic Emulsion Modified with a Polyurethane Dispersion	
Waterproofing Mesh	Non-hazardous Fibrous Mesh	
Color	Purple	
Odor	Cured: None Uncured: Mild ammonia odor	
VOC	7 g/L	
VOC (less water)	12 g/L	
Storage	Store in cool, dry location. Do not store open containers, nor leave containers exposed to sunlight. Keep from freezing.	
Shelf Life	Maximum of 1 year from date of manufacture in properly stored, unopened package.	
Freeze/thaw Stability of Liquid	None. KEEP FROM FREEZING.	
Tile Installation Time [at 70°F (21°C)]	2-3 hours after membrane application. See CURING section for more information.	
Foot Traffic Rating (ASTM C627)	Residential to Extra Heavy Commercial depending on substrate and tile.	
In-Use Performance—A118.10	ANSI Requirement	Typical Results
Shear Strength		
7-Day	50 psi (.34 MPa)	238 psi (1.63 MPa)
7-Day, Water Immersion	50 psi (.34 MPa)	150 psi (1.03 MPa)
4-Week	50 psi (.34 MPa)	310 psi (2.12 MPa)
12-Week	50 psi (.34 MPa)	330 psi (2.26 MPa)
100-Day, Water Immersion	50 psi (.34 MPa)	125 psi (.86 MPa)
Fungus Resistance	Shall not support mold growth	Passes
Seam Strength	8 lb./inch width	> 20 lb./inch width
Breaking Strength	Minimum 170 psi (1.17 MPa)	250 psi (1.72 MPa)
Dimensional Stability	Maximum 0.7% length change	< 0.7% length change
Waterproofness	No visible water penetration after 48 hours	Passes
<small>Tested in accordance with American National Standards for Load Bearing, Bonded, Waterproof Membranes for Thin Set Ceramic Tile and Dimension Stone Installations—ANSI A118.10</small>		
In-Use Performance—A118.12	ANSI Requirement	Typical Results
Point Load	Minimum 1000 lb. load without cracking tile	Passes
Shear Deflection (Movement Before Shear)	Standard Performance Min. 1/16 inch High Performance Min. 1/8 inch	High Performance
Crack Resistance Test	Standard Performance Min. 1/16 inch High Performance Min. 1/8 inch	High Performance
In-Use Performance—Additional Tests	Test Method	Typical Results
Accelerated Test for Fungal Defacement	ASTM D5590	Passed with no growth and 10 mm zone off inhibition.
Elongation	ASTM D751	750%
Tensile Strength	ASTM D751	250 psi (1.72 MPa)
Water Testing	If water testing is required/desired, allow membrane to cure at least 12 hours after application of second coat.	

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