AVOID GOING INTO THE RED WITH THE POWER OF PURPLE.

Waterproof and isolate cracks smarter with HydraFlex™

2X the crack isolation performance vs. competition

Requires half the application time for 1/8" cracks

Only product that can be used on green concrete

Only product that can bridge control joints

Some competitors will have you seeing red by requiring 4 times more product to get the same crack isolation as one coat of HydraFlex. So pour on the purple to save time, protect your reputation and avoid costly callbacks. Because we've got working smarter down to a science.

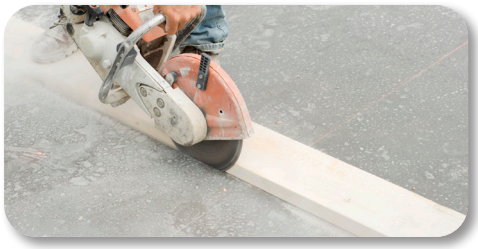
TEC®

Visit TECspecialty.com

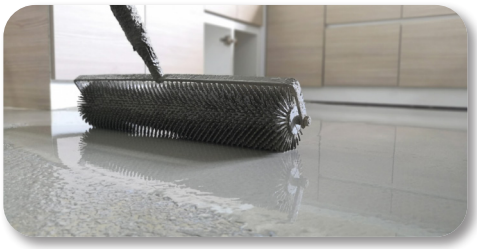
HydraFlex™ Waterproofing Crack Isolation Membrane

TEC® HydraFlex Waterproofing Crack Isolation Membrane is a ready-to-use, flexible, mold and mildew resistant, waterproofing crack isolation membrane for interior and exterior applications. It forms a smooth, monolithic, watertight surface over walls, floors and ceilings. HydraFlex Membrane stops in-plane cracks up to ⅛" (3 mm) or up to ¼" (6 mm)* wide at the subfloor from telegraphing through to ceramic and stone tile. For residential to extra heavy commercial applications.

2X the crack isolation performance vs. competitive products



Only product that can bridge control joints



Fast-track capable. Only product that can be used on green concrete.

Features and Benefits

- Exceeds ANSI A118.10 Specifications for Waterproof Membranes
- Exceeds ANSI A118.12 Specifications for Crack Isolation Membranes
- Approved over control joints – no need to locate tile or stone field movement joints directly over control joints
- Isolates cracks up to ⅛" (3 mm) or up to ¼" (6 mm) based on application
- 10-year Limited Product Warranty
- Apply over new (green) concrete as little as 3 days old
- Fast drying – ready for tile installation in 1 to 3 hours
- Use for positive hydrostatic pressure applications
- Easy roller, trowel or spray application
- No mesh required (optional for waterproofing applications)
- Membrane resistant to growth of mold and mildew
- IAPMO approved
- Contributes to LEED® project points
- Low VOC

Packaging

One U.S. gallon plastic pails (3.78 L)
Product #15035484

3.5 U.S. gallon plastic pails (13.24 L)
Product #15035482

5 U.S. gallon plastic pails (18.93 L)
Product #15035483

TEC® Waterproofing Mesh available in:
6 in. x 50 ft. rolls (150 mm x 15.24 m)
Product #75000351

Conforms with LEED v4 low emitting interiors.
Compliant with (CDPH) Standard Method v1.2 VOC Emissions.

HydraFlex Technical Data

Coverage	Approximately 50 sq. ft. (4.65 m²) per gallon when applied at recommended 50 mil wet film thickness. Approximately 100 sq. ft. (9.29 m²) per gallon when applied at recommend 25 mil wet film thickness.	
Physical State	Liquid: Acrylic Emulsion Modified with a Polyurethane Dispersion	
Waterproofing Mesh	Non-hazardous Fibrous Mesh	
Color	Cured: Purple	
Odor	Cured: None Uncured: Mild Ammonia	
VOC	7 g/L	
VOC (less water)	12 g/L	
Storage	Store in cool, dry area away from moisture and direct sunlight.	
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)]	1-3 hours after membrane application.	
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 (> 3.6 lg/cm)
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 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	No visible water penetration after 48 hours	Passes
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 (1.6 mm) High Performance Min. ⅛ inch (3 mm)	High Performance
Crack Resistance Test	Standard Performance Min.1/16 inch (1.6 mm) High Performance Min. ⅛ inch (3 mm)	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)
Flood Testing	HydraFlex is ready for flood testing when the 2nd coat turns dark purple, with no visible light purple. Drying time after application of the second coat can range from 2 hours under ideal conditions to 12 hours, depending on temperature, relative humidity, substrate porosity and air flow.	

To learn more, visit TECspecialty.com

H.B. Fuller CONSTRUCTION PRODUCTS

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*Based on application.