

PROFLEX™ CISM-KIT

CRACK-ISOLATION REPAIR-KIT

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PHYSICAL AND TECHNICAL INFORMATION

DESCRIPTION

PROFLEX™ 40CISM –KIT is a 40 mil composite underlayment consisting of a rubberized membrane laminated to a high strength reinforcing fabric on the face and a siliconized release sheet on the adhesive side. The CISM-KIT is conveniently packaged with a 18" x 50' roll (75sq.ft.) and one quart of PR11 interior primer.

TYPICAL USE

PROFLEX™ 40CISM is specially designed to be used under approved thinsets, mortars, and adhesives for interior and exterior applications of ceramic tile, stone, and brick, and for interior applications of wood flooring to bridge existing cracks up to 3/8" on a substrate. The CISM-KIT is a cost-effective means of repairing existing cracks within a substrate without the expense and effort of applying a Proflex elastomeric membrane to an entire substrate.

ADVANTAGES

- Easy and fast to install with standard tools
- Ready for tiling immediately after installation
- Crack and joint isolation up to 3/8"
- 18" width allows to cover up to 12" tiles on a diagonal placement

SUITABLE SUBSTRATES

- Concrete • Cured Mortar beds • Cement terrazzo
- Exterior-grade plywood • Cement backer board
- Other Substrates: Contact Technical Support for additional information.

PACKAGING AND COVERAGES

PROFLEX™ 40CISM-KIT

- (1) 18"x 50' roll, 75sqft.
- (1) PR11 primer (1qt)

COMPANION PRODUCTS

- PR11 Primer (included with the CISM-KIT)

MEMBRANE SHELF LIFE

PROFLEX™ 40CISM-KIT: Factory-sealed containers of this product are guaranteed to be of first quality for one (1) year if stored at temperatures between 40°F and 95°

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TECHNICAL DATA

PROPERTY	TEST METHOD	RESULT
Total thickness		40 mil
Fabric thickness		6 mil
Elongation	ASTM D882	350% min
Tensile MD	ASTM D1682	1270 psi
Pliability	ASTM D146	Pass-25
Adhesion to plywood	ASTMD1790	8 lb/in
Adhesion to primed concrete	ASTM D903	10 lb/in
Robinson test	ASTM C627	Heavy-duty

CAUTIONS AND LIMITATIONS

- The PROFLEX™ 40CISM-KIT is designed to repair existing cracks in a substrate. For applications requiring moisture vapor barrier or sound reduction, Proflex must be applied the entire surface of the substrate.
- Due to the nature of how the 40CISM-KIT is used, Proflex warranties are not applicable to this product.
- Substrate must be primed with PROFLEX™ Primer.
- Proflex shall be installed in compliance with the most current edition of the following publications: Proflex Installation Instructions, ANSI (American National Standards Institute) TCNA (Tile Council of North America) handbook for ceramic tile Installation, MIA (Marble Institute of America) Dimension Stone Design Manual .
- Proflex requires consultation with your selected manufacturer of Thinsets, Mortars, and adhesives to ensure selected product is suitable for use with Proflex elastomeric membranes. **Mortars shall be at a minimum ANSI 118.11 specification.**
- Not for use over expansion joints (structural design joints) or structural (out-of-plane) movement cracks. Use of this product does not eliminate the need for movement joints, including perimeter joints within the tiled surface. Perimeter expansion of 1/4" minimum must be maintained for warranty. Movement joints shall be installed within the industry standards in the publications listed in point 4 of the Cautions and Limitations section of this publication.
- Not recommended for use on concrete floors when hydrostatic pressure is present. Proflex recommends testing the substrate prior to installation of product using a Calcium-Chloride (CaCl) test kit, and /or concrete test for relative humidity (Rh)
- Impervious tile (less than 0.5% absorption) may require a 48-hour cure prior to grouting. The mortar will be sandwiched between two nonabsorptive materials and will require additional cure time.
- Cooler weather will also increase set time.
- Protect Primers from freezing.
- This product should not be stored in direct sunlight.