

90 MIL MEGA SOUND CONTROL MEMBRANE

DESCRIPTION

PROFLEX™ 90MSC is a 90 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.

TYPICAL USE

PROFLEX™ 90MSC is specially designed to be used under thin-set and mud-set mortars and adhesives for interior and exterior applications of ceramic tile, stone, and brick, and for interior applications of wood flooring to eliminate the transmission of cracks from the concrete base slab. Other primary functions are waterproofing and the reduction of sound transmission. Other applications also may be suitable. Contact technical support for further information. To eliminate cracks in finished floor work, the product should be applied to the entire substrate prior to the installation of the finished flooring.

ADVANTAGES

- Easy and fast to install with standard tools
- Ready for tiling immediately after installation
- Crack and joint isolation up to 3/8"

SUITABLE SUBSTRATES

- Concrete
- Cement terrazzo
- Cement backer board
- Urethane membranes, fiberglass decks, other materials (contact Technical Support)
- Mortar beds
- Exterior-grade plywood

MEMBRANE AND PRIMER PACKAGING

PROFLEX™ 90MSC
 3'x 33.3' rolls, 100 sq ft/roll, 20 rolls/pallet

PROFLEX™ Primers

PR10, water-based, 1-gallon can
 PR11, water-based, 1-gallon pail
 PR27, solvent-based, 1-gallon can
 Approximate coverage: 300-500 sq ft/gallon

MEMBRANE AND PRIMER SHELF LIFE

PROFLEX™ 90MSC: Factory-sealed containers of this product are guaranteed to be of first quality for two (2) years if stored at temperatures between 32°F and 110°F.

PROFLEX™ Primers: Shelf life of one (1) year when stored at temperatures between 45°F and 110°F

90 Mil Mega Sound Control Membrane Data Sheet

TECHNICAL DATA

Physical Properties

Property	Test Method	Results
Total thickness		90 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
Impact insulation FIIC	ASTM E989-89	68 49-54
Sound transmission	ASTM E492-90	72
Robinson test	ASTM C627	Heavy-duty

LIMITATIONS

- Substrate must be primed with PROFLEX™ Primer.
- 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. Consult mortar manufacturer for additional requirements.
- Not for use over expansion joints (structural design joints) or structural (out-of-plane) movement cracks.
- Not recommended for use on concrete floors when hydrostatic pressure is present.
- Maximum 1/4" seam for crack isolation.
- Protect Primers from freezing.
- Perimeter expansion of 1/4" minimum must be maintained for warranty.
- This product should not be stored in direct sunlight.



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For additional Technical Support,
 contact (877)538-3437

www.proflex.us

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