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there's something about the cow.

PRODUCT DATA SHEET

PROFLEX™ 90 MSC Flooring Underlayment

Features & Benefits:

- **Dual Soundproofing Function** - PROFLEX™ 90 MSC reduces noise from impact, such as foot fall, and reduces airborne sound transmission, such as noise from voices, TV's and stereos.
- **Protects from Cracks** - PROFLEX™ 90 MSC bridges cracks and controls joints up to 3/8" wide, eliminating the transfer of cracks to the finished flooring.
- **Not Condition Sensitive** - PROFLEX™ 90 MSC may be installed in interior and exterior locations. Also, PROFLEX™ may be installed in locations exposed to moisture.
- **Ease of Installation** - PROFLEX™ 90 MSC is a peel and place application decreasing installation time. Simply, roll out the product, measure and cut. Then peel the protective backing and place.

General Information:

PROFLEX™ 90 MSC is a floor soundproofing product for under tile, stone and hardwood finished floors. PROFLEX™ 90 MSC 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. PROFLEX™ 90 MSC is specially designed to be used under approved thin-sets, 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 and to reduce sound transmission. Other applications also may be suitable. Contact our Acoustic Consultants 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. This product must be used with PR11 Water Based Primer.

Why Choose PROFLEX 90 MSC Flooring Underlayment?:

PROFLEX™ 90 MSC is a self-bonding, reinforced, 90 mil-thick elastomeric crack isolation and sound reduction membrane. The membrane forms a permanent bond to concrete, steel, or wood substrates and is compatible with most cementious, epoxy, and urethane adhesives.

PROFLEX™ 90 MSC bridges cracks and controls joints up to 3/8" wide, eliminating the transfer of cracks to the finished flooring.

PROFLEX™ 90MSC is specially designed to be used under approved thin set mortars and adhesives for interior and exterior applications of ceramic tile, stone, and brick, and for interior applications of wood flooring. Other applications also may be suitable. Contact our Acoustic Consultants for additional information.

PROFLEX™ 90 MSC sound reduction properties are for floors requiring a minimum Impact Insulation Class (IIC) of 68 and Sound Transmission Class (STC) of 72, as tested in accordance with American Society for Testing and Materials (ASTM) Standards E90-02, E989-89, and E492-90. Testing for PROFLEX™ 90MSC was conducted on 8" concrete slab with an acoustic ceiling.

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Why Choose PROFLEX 90 MSC Flooring Underlayment?: (cond.)

PROFLEX™ 90 MSC offers limited warranty terms are up to ten (10) years, based on the system of materials used to install the finished flooring products. Contact us for specific warranty terms and conditions.

Use with These Products:

PR11 Water Based Primer

Recommended Substrates:

May be applied over properly prepared substrates including (but not limited to): concrete slabs; pre-cast panels; lightweight toppings; patching, leveling, and repair compounds; cement backer boards; terrazzo; ceramic tile; plywood; OS

Acoustic Data:

Product	STC*	IIC*
PROFLEX 90 MSC	72	68

* STC = Sound Transmission Class
* IIC = Impact Insulation Class

Applications:

Hotels and Resorts • Offices and Conference Rooms • Restaurants • Single Family Dwellings • Multi Family Dwellings • Homes, Condos or Apartments • Classrooms and Educational Buildings

Product Availability:

- 0.09 in. (90 mil) x 36 in. x 33.3 ft. Roll (100 sqft)

Coverage:

- 1 roll will cover approximately 100 sqft

Warnings and Limitations:

- Substrate must be primed with PROFLEX™ Primer. Protect Primers from freezing.
- Follow PROFLEX™ installation instructions (separate document), all TCNA (Tile Council of North America), NWFA (National Wood Flooring Association) technical specifications and guidelines. Consult with manufacturer of thin-sets, mortars, and adhesives to determine compatibility with their product. Mortars shall be at a minimum ANSI 118.11 specification.
- Impervious tile (less than 0.5% absorption) may require a 48-hour cure prior to grouting. The mortar will be sandwiched between two non-absorptive materials and will require additional cure time.
- Cooler weather will also increase set time.
- Not for use over expansion joints (structural design joints) or structural (out-of-plane) movement cracks.

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