

# PROFLEX™

## 90 MIL MEGA SOUND CONTROL MEMBRANE

### State-of-the-Art Crack Isolation, Waterproofing, and Sound Reduction Membrane

**PROFLEX™ 90MSC** is a self-bonding, reinforced 90 mil-thick elastomeric membrane that provides superior sound reduction, crack isolation, and waterproofing. The membrane forms a permanent bond to most substrates, including (but not limited to) concrete, steel, wood, tile, stone, and cementitious and epoxy terrazzo. It is compatible with most urethane adhesives.

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

**PROFLEX™** is specially designed to be used under thinset and mudset 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 Technical Support for additional information.

**PROFLEX™ 90MSC** 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 a suspended gypsum board ceiling. Test conducted on 8" concrete slab with suspended gypsum board ceiling. Field sound tests were conducted on 8" concrete slab without suspended ceiling.

**PROFLEX™ 90MSC** warranty terms are up to ten (10) years, based on the system of materials used to install the finished flooring products.

#### **PROFLEX™ 90MSC Summary of Features and Benefits**

- ▶ Easy to install
- ▶ Exterior or interior conditions
- ▶ Wet or dry conditions
- ▶ Crack and joint isolation up to 3/8"
- ▶ Sound reduction (ASTM E90-02, E989-89, and E492-90;  
IIC rating 68 with suspended gypsum ceiling, one layer 5/8";  
IIC rating 8" concrete slab no ceiling FIIC 49-54, depending on concrete type; STC rating 72)
- ▶ No waiting time for the installation of floor covering materials

#### **PROFLEX™ 90MSC Recommended Substrates**

May be applied over properly prepared substrates including (but not limited to): concrete slabs; precast panels; lightweight toppings; patching, leveling, and repair compounds; cement backer boards; terrazzo; ceramic tile; plywood; OSB board; particle board; steel; radiant-heated substrates; or masonry block.



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For additional Technical Support,  
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[www.proflex.us](http://www.proflex.us)

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