



# SikaTile®-700 Sound Shield PNS

## 90 MIL PEEL AND STICK SOUND CONTROL AND CRACK ISOLATION SHEET MEMBRANE

- Crack Isolation to 3/8"
- Reduces Sound Transmission
- Moisture Vapor Barrier up to 5 lbs. per 1,000 sq. ft in 24 hours
- **Packaging:** 100 sqft - 3' x 33' roll

### Standards

- Exceeds ANSI A118.12

### Attributes Include:



BUILDING TRUST



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## WHERE TO USE

- Residential (homes, apartments, and condominiums) and commercial (airports, malls, office buildings, restaurants, and galleries) floors, both interior and exterior (with proper drainage)
- Ideal for multi-family or multi-story buildings to reduce noise transmission through floors.

## RECOMMENDED SUBSTRATES

- SikaTile<sup>®</sup>-700 Sound Shield PNS can be installed in most interior and exterior residential and commercial installations on floors over the following recommended substrates: Cement Backer Board<sup>1</sup> • Cement Mortar Beds (cured) • Cement Plaster • Cement Terrazzo • Ceramic Tile and Stone • Concrete • Exterior Grade Plywood<sup>2</sup> • Lightweight Gypsum Concrete<sup>2</sup> • SikaLevel<sup>®</sup> Products

- 1 Consult cement backer board manufacturer for installation recommendations and to verify acceptability for exterior use.
- 2 Interior Use Only.

## FEATURES AND BENEFITS

- Crack Isolation to 3/8"
- Reduces Sound Transmission
- Moisture Vapor Barrier up to 5 lbs. per 1,000 sq. ft in 24 hours
- Easy to position, cut-to-size and install
- Rapid installation - Prime, peel, stick and then immediately install tile, stone, or wood
- Interior or exterior
- Mold and mildew resistant

**NOTE:** Always refer to Current Product data Sheet and SDS for detailed performance specifications prior to use.

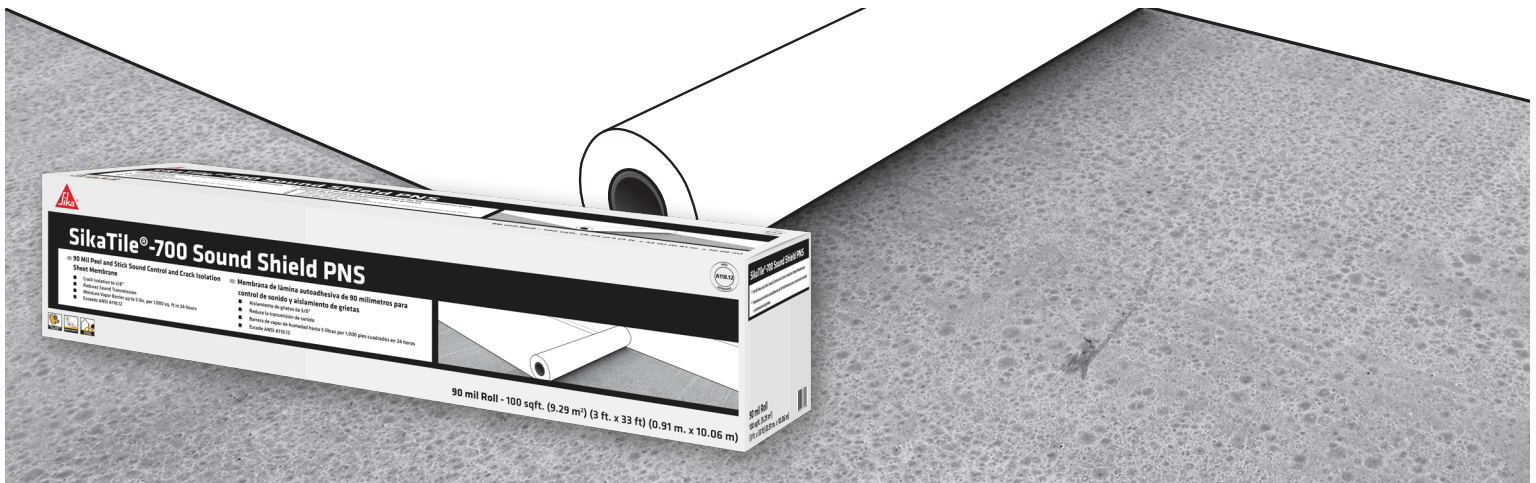
## APPROXIMATE COVERAGE

100 sqft. - 3' x 33' roll

PROPERTY	TEST METHOD	TYPICAL RESULTS
Total Thickness	-	90 mils (2.3 mm)
Fabric Thickness	-	30 mils (.76 mm)
Adhesion to Plywood	ASTM D1790	8 lbs. per inch
Adhesion to Primed Concrete	ASTM D903	10 lbs. per inch
Elongation	ASTM D882	> 350%
Pliability	ASTM D146	Pass
Tensile MD	ASTM D1682	> 1,270 psi
Impact Insulation Class (IIC)	ASTM E989-89 ASTM-E492-90	70*
Sound Transmission Class (STC)	ASTM E90-02	66*
Impact Insulation Class (IIC)	ASTM E989-89 ASTM-E492-90	50**
Sound Transmission Class (STC)	ASTM E90-02	57**

\*Sound testing performed as to ASTM E90-02, ASTM E989-89, ASTM E492-90. Test conducted on 8" concrete slab with a gypsum drywall ceiling.

\*\*Sound testing performed as to ASTM E90-02, ASTM E989-89, ASTM E492-90. Test conducted on 8" concrete slab with no ceiling.



## FOR MORE INFORMATION:

Contact Sika: Phone 800.933.SIKA(7452) Website: [www.SikaTile.com](http://www.SikaTile.com)

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