


NobleSeal® SIS

Sound Reduction Membrane

A sound reduction membrane used to reduce floor-to-floor impact sound from hard surface flooring including tile, marble and hardwood.

U.S. Patent No. 5,584,950



- **Effective Sound Reduction (IIC = 62, STC = 59)**
 - Concrete substrate and sound rated ceiling assembly
 - Meets proposed ANSI standard for sound reduction membranes
- **Single Sheet Membrane**
 - 3/64" thick (about the thickness of this line) 
- **Protects Tile from Cracking**
 - Rated "Extra Heavy" by Robinson Test (ASTM C 627)
 - Exceeds "High Performance" criteria for ANSI A118.12 (jig test)
- **Can also provide waterproofing**
 - Meets ANSI A118.10 - IAPMO File #4339
- **Use Over Common Substrates**
 - Including concrete, many plywood subfloors, radiant heat and primed gypsum underlayments

Installation:*



1. Apply Bonding agent (NobleBond 21, NobleBond EXT or latex modified thin-set).



2. Embed NobleSeal SIS with a roller.



3. Install tile.

* CAUTION: Read complete installation instructions prior to installing.

NobleSeal® SIS Product Description

APPLICATIONS

Applications with hard surface floors including ceramic and stone tile and hardwood flooring: Condominiums, Schools, Hotels, Offices, Libraries, Homes, Apartments, & Hospitals.

HOW TO SPECIFY

Specify in Division 9 • Where required, provide NobleSeal SIS, a composite sheet membrane manufactured from an acoustically formulated alloy of Chlorinated Polyethylene (CPE), with polyester fabric laminated to both sides. Refer to NobleSeal SIS Short Form Spec.

COMPOSITION & MATERIALS

NobleSeal SIS is a composite sheet membrane consisting of polyester fabric laminated to both sides of an acoustically formulated alloy of Chlorinated Polyethylene (CPE).

PRODUCT DIMENSIONS

- 1.8m x 10.2m = 18.6m² (6' x 33-1/3' = 200 sq. ft.)
- Nominal thickness is 1.25mm (.050").

LIMITATIONS: NobleSeal SIS is not designed for use as a wearing surface. NobleSeal SIS is not recommended for exterior applications. For applications not specifically detailed in the installation instructions, contact bronte™. Substrates must be clean, dry, and free of sealers, primers, and other substances that could affect bonding of the sheet to the subfloor. NobleSeal sheets will not correct structural deficiencies. Deflection of the subfloor must not exceed industry standards. Installation must follow TCNA recommendations and appropriate industry standards.

PERFORMANCE TEST DATA:

Sound Reduction: NobleSeal SIS was tested by Riverbank Acoustical Laboratories in accordance with ASTM E 492-90 and ASTM E 90-90.

Test construction included a sound rated ceiling, concrete substrate 6" x 6" quarry tile, and latex modified thin-set.

Test results follow: IIC = 62, STC = 59

NobleSeal SIS also exceeded code requirements in field tests by acoustical laboratories with other construction configurations.

Field tests conducted in compliance with ASTM E 1007.

<ASTM E2179 Δ IIC = 12

Protects Thin-Set Tile from Cracking: NobleSeal SIS was tested by the Tile Council of North America for system performance in accordance with ASTM C 627 (Robinson Test). NobleSeal SIS passed 14 cycles and was rated for "Extra Heavy Service". Exceeds "High Performance" criteria for ANSI A118.12 (jig test).

NOTE: NobleSeal SIS must be installed in compliance with appropriate ANSI and industry standards and TCNA recommendations. See Installation Instructions for details. Contact bronte™ for other information.

WARRANTY: NobleSeal SIS brand CPE membrane is guaranteed for the life of the original installation by bronte™ against failure caused by rotting, cracking and microorganism deterioration when properly installed in tile systems for which its use is recommended by bronte™. This warranty is limited to the replacement of defective material and freight charges to destination only. There are no other expressed or implied warranties, and this warranty is in lieu of any other warranty, including, but not limited to, implied warranties of merchantability and fitness for purpose. bronte™ is not responsible for consequential damages. The remedy of the purchaser set forth herein is exclusive.

DETAILS (not to scale)

