

NobleSeal® SIS

Sound Reduction Membrane

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NobleSeal SIS

The superior sound reduction membrane for use under hard surface floors including ceramic and stone tile, and hardwood flooring. Ideal for applications in condominiums, schools, hotels, offices, libraries, homes, apartments, and hospitals. Use over common substrates such as concrete, cured mortar beds, tile backer boards, many plywood subfloors, radiant heat, and properly primed gypsum underlayments. NobleSeal SIS is the only membrane that offers sound reduction, crack isolation, and waterproofing all in one thin sheet.

BENEFITS

- Effective impact sound reduction (IIC)
- Also provides **waterproofing and crack isolation**
- More than 25 years of proven industry performance
- Excellent for renovations
- The thin profile of SIS minimizes elevation, door-jamb, and cabinet height issues
- Sheet membrane: Ensures uniform quality, thickness, and minimizes variables in overall workmanship
- For best results, bond with NobleBond adhesives
- **LIFETIME WARRANTY**



VIEW MORE PRODUCT
DETAILS, VIDEOS,
AND DIAGRAMS ONLINE





INSTALLATION*



Apply bonding agent



Embed sheet with roller



Install tile

*NOTE: Read complete instructions before installing.

Visit our website for complete in-depth instructions, diagrams, and how-to videos on all Noble products.

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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. For more information, refer to NobleSeal SIS Short Form Spec.

PERFORMANCE TEST DATA

Sound Reduction: NobleSeal SIS was tested by an independent acoustical laboratory in accordance with ASTM E492-90 and ASTM E90-90.

- Test construction included a sound-rated ceiling, concrete substrate 6" x 6" quarry tile, and modified thin-set mortar.
- Test results: IIC = 62, STC = 59.
- NobleSeal SIS also exceeded code requirements in field tests by acoustical consultants with other construction configurations.
- Field tests conducted in compliance with ASTM E1007.
- ASTM E2179 Δ IIC = 12.

Applicable Standards: Meets ANSI A118.13, Standard for Sound Reduction Membranes.

- Protects Thin-Set Tile from Cracking: NobleSeal SIS was tested by the Tile Council of North America for system performance in accordance with ASTM C627 (Robinson Test).
- NobleSeal SIS passed 14 cycles and was rated for "Extra Heavy Service."
- Exceeds "High Performance" criteria for ANSI A118.12 (System Crack Resistance).

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 Noble Company. 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.

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

WARRANTY: NobleSeal SIS brand CPE membrane is guaranteed for the life of the original installation by Noble Company against failure caused by rotting, cracking, and microorganism deterioration when properly installed in tile systems for which its use is recommended by Noble Company. 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. Noble Company is not responsible for consequential damages. The remedy of the purchaser set forth herein is exclusive.

