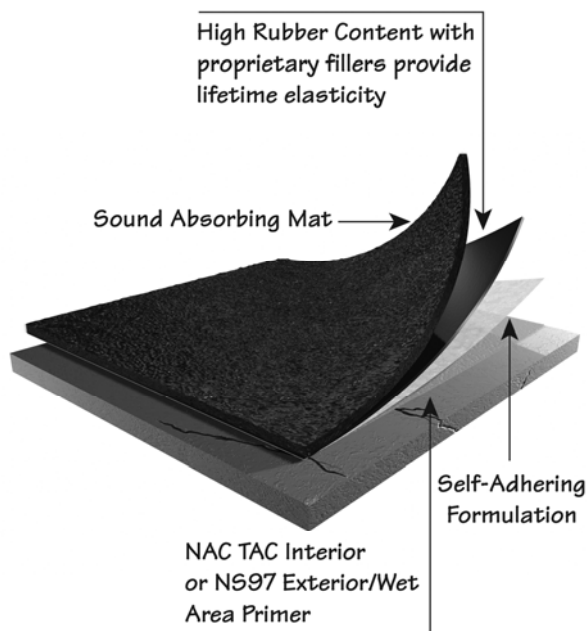


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IMPORTANT: Proper installation of this Membrane System requires use of the appropriate Primers and Companion Products. Read and understand Install, Product Data (PDS) and Material Safety Data (MSDS) Sheets for all products prior to installation.



Sound Abatement with Crack Isolation, MVT Resistance & Waterproofing Capability

Super SAM 125 Membrane is designed for floors requiring an Impact Insulation Class (IIC) rating of not less than 50 and a Sound Transmission Class (STC) rating of not less than 50 as determined by ASTM Standards E90, E413 and E492. No Sound Rated Ceiling Assembly required. Super SAM 125 achieves a Delta Rating of 23 as determined by ASTM E2179***. Assemble to meet or exceed tile industry standards. In addition to sound abatement, Super SAM 125 serves three additional purposes. It is crack isolation underlayment capable of protecting floors from up to 3/8" lateral substrate movement and, when used with an approved sealant, a waterproofing membrane. It is also guaranteed to resist Moisture Vapor Transmission (MVT) 10#/1000SF/24HRS.

Super SAM 125 consists of a base layer of polymer modified elastomers permanently laminated to a sound absorbing mat. It accommodates A118.4 or better latex medium to thick bed mortars. The net result is one easy-to-use product for superior sound abatement.

How It Works

Super SAM Membrane 125 is a 125 mil, self-adhering, sound deadening sheet membrane. It is chemically formulated to reduce airborne (STC) and Impact (IIC) sound transmission. Super SAM Membrane is composed of modified elastomers, sound deadening resins and a sound absorbing mat. Super SAM 110's self-adhering composition produces a quick and economical installation. NAC TAC (Interior) or NS97 (Exterior) Primers are necessary components of NAC Membrane Systems. Provide acoustic sealant at perimeters.

Super SAM 125 Features and Benefits

- Provides sound abatement over 6" and 8" concrete slabs
- IIC, STC & Delta rated
- Protects against reflective cracking and delamination
- Reduces live and dead load failures
- Safely covers asbestos flooring and provides an effective barrier against radon and mold; resists Moisture Vapor Transmission (MVT) 10#/1000SF/24HRS
- Eliminates need to cut tile to meet control/cold joints
- No need to remove old floors or recess new ones
- Can be used for medium applications
- Self-bonding and self-healing formula
- Tile can be installed the same day as membrane
- Works with radiant-heated floors and tile warming systems

Recommended for Installation Under:

Medium-bed mortar installations (ANSI A118.4) of ceramic, porcelain, marble, slate and granite tile, stone, pavers, and brick requiring integrated sound abatement such as apartments, condominiums, multi-level hotels, high-rise office buildings, media rooms, children's play areas, and other areas needing sound reduction. Hardwood, manufactured wood, carpet and other finished floors are also acceptable; check with manufacturer. Also ideal for use under low voltage tile warming systems.

Suitable Substrates:

Concrete: Poured, pre-stressed and pre-cast concrete. Concrete backerboard, mud beds, gypsum, lightweight concrete and patching compounds. **Wood:** Exterior or exposure 1 plywood, APA-rated sheathing, Sturd-I-Floor, hardwood, tongue and groove and OSB with standard face. (Gap between sheathing as required.)

Other Substrates: Ceramic and porcelain tile, stone, terrazzo, VCT/VAT, metal, painted, radiant-heated and sealed floors and floors damaged by dry shrinkage and structural movement.

- For absorptive surfaces such as moderately hard concrete, mud beds, gypsum/gypcrete, lightweight concrete and patching/leveling compounds, apply 101 Floor Prep in accordance with manufacturer's instructions.
- A cementitious parge coat must be applied to concrete block and cured before priming.
- Substrates must be dry, well adhered, and clean of wax, petroleum sealers, dirt, grease, oil or other bond breakers.
- Some concrete boards are not suitable for application of Super SAM 125; check with manufacturer.
- A pull test is required before applying thinset/mortar.
- Refer to current TCNA handbook for additional guidelines.

*** Please refer to "Technical Data" on page 2 of this document

