

SOUTHCRETE™ 60

SOUND CONTROL UNDERLAYMENT

DESCRIPTION:

Southcrete 60 Sound Control Underlayment has been scientifically designed as a sound deadening acoustical underlayment under ceramic tile, marble, hardwood Parquet and decorative floor coverings. Sound Control Underlayment may also be used as conventional underlayment and is designed to be used in pours from ½" to 1 ½" thick. Do not feather-edge.

LIMITATIONS:

Southcrete 60 Sound Control Underlayment is a system. Certified test results and performance levels are obtained only by using the entire installation and grouting system. Not to be used over wood surfaces, gypsum surfaces, asphalt, particle board, vinyl, old adhesive residue, curing compounds or synthetic floor systems.

USES:

- Residential or Commercial
- Kitchens, Bathrooms, Balconies
- Hotels, Hospitals

CERTIFIED:

Southcrete 60 Sound Control Underlayment has been tested by an Acoustical Lab. Individual copies of test reports are available upon request detailing sound transmission loss and impact sound transmission on ceramic tiles using the Southern Grouts & Mortar's, Inc., system. **EXCEEDS ALL APPLICABLE IIC, INR AND STC RATINGS.**

PREPARATIONS:

Floors must be twenty-eight (28) days cured and free of moisture. Floors must be free of any wax, oil, dust or paint overspray. Hence, any further cleaning shall be done using Southern Grouts & Mortar's Safe Clean Crystals. Refer to sage Clean Crystal label for directions. Remove all liquid curing agents. All materials and areas to be tiled should remain above 40 F 24 hours prior and 72 hours after installation.

APPLICATION:

Add one part clean potable water to Southcrete 60 part A liquid. Then add diluted liquid to Southcrete 60 part B powder (200ln.) mix, this will produce a stiff mortar consistency. For optimum results, do not add additional liquid to mix. Mortar should not be excessively wet or "soupy". Components are now ready to be poured onto clean properly prepared floor. For small areas use a flat steel trowel and spread to a uniform thickness. Wooden or metal gauging strips are recommended for greater coverage and uniform thickness. For large areas screen material with a long smooth plane, a ¼" gap should be left around all vertical surfaces to allow for structural movement. To ensure that substrate is structurally sound and deflection shall not exceed 1/360" of a span including both live and dead load. Expansion joints, saw cuts, cold joints or structural cracks should not be covered with Sound Control Underlayment. Place expansion joints 20-22 feet in each direction and 12-16 feet where floor is subject to movement when exposed to sunlight or moisture. Seek professional advice from structural engineer or architect for placement of expansion joints. Allow material to cure 25 hours prior to the installation of floor surfacing materials. For wood floors contact wood flooring manufacturers for allowable moisture content in substrate. To set ceramic tile use Southcrete 30 admix with Southern Grouts & Mortar's, pre-mixed mortars or Southcrete 40 polymer additive with sand/cement job site mixes. For marble use only Southern Grouts & Mortar's Marble Set.

GROUTING:

Normal grouting can be done 48 hours after thin bed method, and 72 hours after mortar bed (thick bed) method. Use only Southern Grouts & Mortar's Security Polymer grout.

COVERAGE:

60 sq. ft. at 1/2" thickness (13mm)

CLEAN UP:

Clean up hands and tools with warm soapy water before materials dry.

CAUTION:

Eye and Skin irritant: Avoid contact with eyes. Do not take internally. First Aid: In case of contact with eyes, flush with large amounts of water for at least 15 minutes. For skin, wash affected area with soap and water. If irritation persists, see physician. If ingested, contact a physician immediately. Contains free silica. Avoid breathing dust. Prolonged exposure to dust may cause delayed lung disease (Silicosis). Wear NIOSH approved mask for silica dust. KEEP OUT OF REACH OF CHILDREN. PROTECT FROM FREEZING.

LIMITED WARRANTY:

THIS PRODUCT SHALL BE IN ITS UNOPENED PACKAGE, THE KIND SPECIFIED HEREIN. THERE IS NO OTHER WARRANTY OR REPRESENTATION OF ANY KIND, EXPRESSED OR IMPLIED, (including NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE). NO WARRANTY SHALL BE IMPLIED BY LAW.

This Limited Warranty continues only until such time as the buyer opens the package and examines its contents. If the buyer, after opening the package and examining its contents, determines that the product is not of the kind specified herein, the buyer should write to Southern Grouts & Mortar's, Inc., 1502 S.W. 2nd Place, Pompano Beach, Florida 33069, explaining the defect and enclosing a sample of the product. Southern Grouts & Mortar's, Inc. will, upon receipt of the foregoing from the buyer and without cost to buyer, replace the product. This shall be the buyers' sole remedy for breach of warranty and such remedy shall be in lieu of any claim for damages, including incidental or consequential damages.

PHYSICAL PROPERTIES

Compressive Strength ASTM C109500/PSI /min
Density40 lbs. Cu. Ft. /min
Thickness (excluding setting bed and flooring) 0.5 in (13mm)

- Sound Transmission Class ASTM E413 >60
- Impact Insulation Class ASTM E 989>60
- Impact Noise Rating FHA Bulletin no. 750 -9

Note: THESE VALUES ARE OBTAINED WITHOUT SUSPENDED CEILING/INSULATION. TYPICAL RESIDENTIAL MULTI-FAMILY DWELLINGS DO NOT USE SUSPENDED CEILING OVER OCCUPIED SPACE. CONSEQUENTLY, TEST RESULTS INVOLVING THE USE OF SUSPENDED CEILING IS MEANINGLESS.

- INDEPENDENTLY TESTED BY CEDAR KNOLLS ACOUSTICAL LABS. COMPLETE RESULTS AVAILABLE UPON REQUEST.

SGM

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