

UNIVERSAL ACOUSTICAL UNDERLAYMENT STEP SOFT™ MT



DIVISION

Division 9
Tile Finishes 09 30 95
Acoustical Treatments
09 800

PACKAGING

Step Soft™ MT 400 sq. ft.

APPROVED SUBSTRATES

- Sealed gypsum concrete
- Concrete
- Wood

ACOUSTICAL PERFORMANCE (ASTM E2179-03)

Step Soft™ MT Delta IIC on Tile
Step Soft™ MT (5 mm) = 21 dB

COMPLIANCES

- Reliability: ASTM C627
- VOC emissions: CHPS section 01350 F
- Flame: federal flammability-DOC FF 1-70

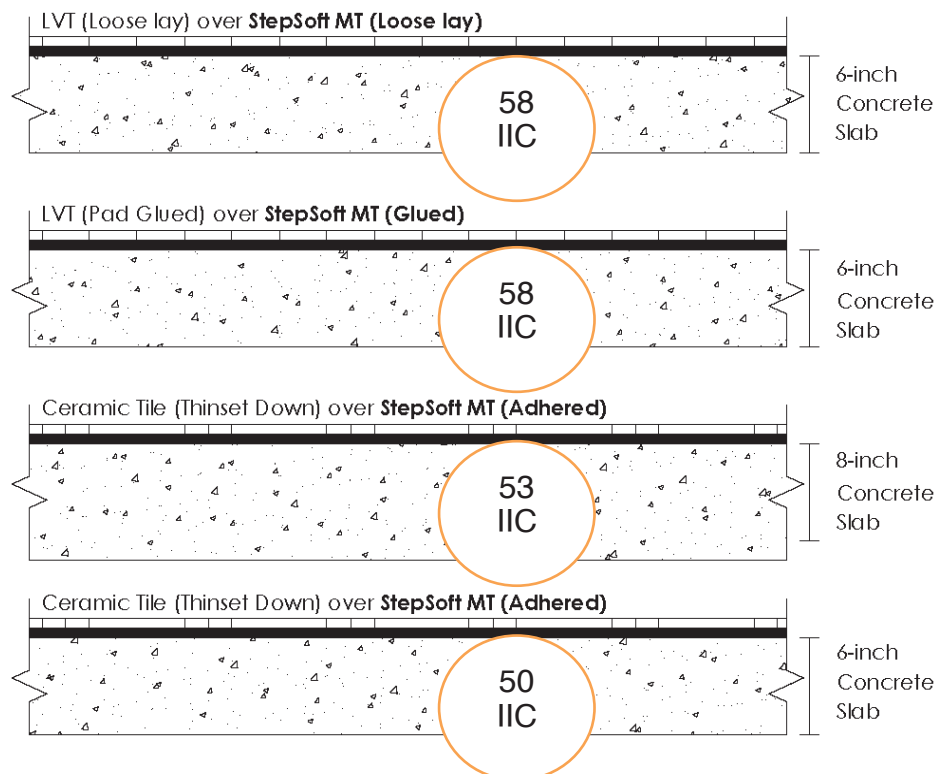
Step Soft™ MT uses patented “Muffling Technology” from Keene Building Products to create a universal acoustical underlayment designed for reducing impact noise in the floor sealing assembly. StepSoft™ MT provides an isolation layer in the assembly which reduces vibrations necessary for achieving industry noise standards. StepSoft™ MT is a critical component in meeting International Building Code requirements within the floor ceiling assembly in most concrete multifamily applications.

StepSoft™ MT is suitable for use over nearly every substrate, and under nearly every floor covering. Its universal applications makes it a perfect solution for reducing impact noise for wood frame, residential, multifamily and commercial applications.

Features

- Suitable for use under nearly any floor covering include hard surfaces like LVT, ceramic tile, and engineered hardwood
- Available in a variety of thicknesses to meet most IIC specifications
- Optimal for use on concrete substrates and in applications where numerous floor coverings are utilized

Systems



MATERIALS RECOMMENDATIONS

All materials must be delivered to the job site in original containers with all of manufacturer's labeling intact. No modifications are allowed.

Gypsum Sealer: GSL ALL PURPOSE SEALER, PRIMER A

Wood Adhesives:

Mapei ECO 980, Parabond 4010, Bostick Best, DriTac7700, or equivalent adhesive

Carpet Adhesives:

Mapei ECO 373, Taylor Dynamic, DriTac5900, or equivalent adhesive

Vinyl Adhesives:

Mapei ECO 360, Taylor Resolute, DriTac 5900, or equivalent adhesive

Mortar Adhesives:

Ultraflex 1, Versabond, or any ANSI A118.11 approved mortar

Thin Set

Bostik Hydroment Single Flex Mortar Others can be evaluated by Dependable Support

Perimeter Isolation Strips

Keene Building Products' Quiet Qurl® Perimeter Isolation with Quik Stick

LIMITED WARRANTY:

Dependable, LLC warrants to the initial purchaser only that the goods sold hereunder will be free from defects in material and workmanship and, except as otherwise set forth herein, will conform to the specifications provided. If any failure to meet this warranty appears within one year from the date of shipment of the goods, on the condition that Dependable, LLC. will correct any such failure by either replacing or repairing any defective goods, at Dependable, LLC's option.

The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.

APPLICATION PROCEDURES FOR PROFESSIONAL USE ONLY

Reference the floor covering and adhesive manufacturers documentation to verify suitability of StepSoft™ MT as an underlayment for the flooring system (any adhesive or mortar used for concrete is generally suitable for StepSoft™ MT). Follow the directions of the flooring and adhesive manufacturer to determine the maximum allowable moisture content (RH) or Moisture Vapor Emission Rate (MVER) of the substrate. If the moisture content (ASTM F-2170) or Moisture Vapor Emission Rate (MVER) (ASTM F-1869) of the substrate exceeds the requirements of the flooring system, utilize an approved 100% epoxy moisture vapor mitigator prior to installation of StepSoft™ MT.

Honor all moving joints. Complete crack and substrate repairs prior to installation. Consult an engineer for required joints and crack repairs prior to installation. Contact Technical Services for required surface preparation on installations that will be exposed to high rolling loads or high point loads.

Maintain a minimum of 50°F during the installation and for 72 hours afterwards. Acclimate the material to a minimum of 50°F prior to installation for at least 24 hours. Consult technical services prior to using StepSoft™ MT with any floor heating systems to ensure the product is suitable for this application.

All Substrates must be sound, clean, dry and free of contaminants (oil, dirt, laitance etc.) that may interfere with adhesion. Areas of the floor that do not exhibit a tensile pull strength greater than 100 psi are not suitable and must be mechanically removed to a sound, stable base and subsequently repaired prior to application of StepSoft™ MT. Do not use solvents, acids or chemical adhesive removers to prepare the substrate. All bond breaking substances (cure residues, excess salts from silicates etc.) must be removed prior to installation (unless using StepSoft™ MT in a floating application). Completely vacuum all dust and debris from the substrate prior to installation.

Gypsum substrates must exhibit a sound surface, be free from dust and surface weakness prior to application of StepSoft™ MT. All adhesives and potential bond breakers should be removed prior to installing StepSoft™ MT. Wood floors must satisfy local building codes, utilize exterior grade plywood, suitable OSB or other resistant to water.

Installation Instructions:

StepSoft™ MT is meant for installation directly below the floor covering and should be installed using the same adhesives or mortars used to install the floor covering. If the floor covering is utilized in a floating application, do not adhere StepSoft™ MT to the substrate and install the floor covering directly above StepSoft™ MT.

Perimeter isolation strips are recommended for the best acoustical performance. Carefully follow the isolation strip's manufacturers instructions when installing the strips. Strips should be installed across the perimeter of the room and around any floor penetrations from plumbing, electrical, cabinetry, or other thresholds. StepSoft™ MT should be installed flush with the strips with gaps no larger than 1/16".

Install StepSoft™ MT using the same installation method as the floor covering. For example, you are using thin-set mortar: the same trowel size and mortar used to install the tile should be used to install the StepSoft™ MT. If a ¼" square notch trowel is required to install the tile: use a ¼" square notch trowel to install StepSoft™ MT. The same is true of adhesive applications. If installing StepSoft™ MT in a floating floor application, use a high quality carpet tape or duct tape to adhere the seams together to ensure a smooth substrate.

Once StepSoft™ MT is installed it is recommended a roller is used to ensure a uniform surface is achieved. It is recommended you wait for the adhesive or mortar to fully cure before installing the floor covering.

2021/2



Flooring Experts since 1951



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