ACOUSTICAL & UNCOUPLING MEMBRANE

KEEDEROLL™ MT

FLOOR PREP.com BY DEPENDABLE

DIVISION
Division 9
Tile Finishes 09 30 95
Acoustical Treatments 09 800

PACKAGING
KeedeRoll™ MT
200 square feet roll
- 4 ft. width
- 50 ft. length
- 30 lbs/roll

APPROVED SUBSTRATES
- Plywood or OSB subfloors
- Dependable's patches and self-levelers
- Concrete
- Radiant heat flooring
- Gypsum concrete

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 Technical Support.

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

Noise and cracking represent two of the greatest challenges for tile setters. KeedeRoll™ MT creates a system to control both in one roll. Using patented MT "Muffling" technology, KeedeRoll™ MT provides a fast, durable and cost effective solution to protect tile and reduce unwanted noise in today's fast track construction environment. KeedeRoll™ MT is the perfect solution to meet the noise control standards while providing a durable tile floor in multifamily, residential and commercial environments.

Features

- **Lay FLAT technology**
- Light weight
- "Extra Heavy Rated" on the Robinson-Type Wheel Test
- Reinforcement for mortar
- **21 point IIC Delta on 8" concrete**
- Meets code on 8" concrete (54 IIC)

Properties

A geometrically shaped roll with entangled net bonded to a patented MT fabric.

Sound Test (ASTM E492 and ASTM E2179): Ceramic Tile over KeedeRoll MT

6 inch concrete slab	Should be: 50 IIC
6 inch concrete slab with ceiling	Should be: 59 IIC
8 inch concrete slab	Should be: IIC 54 (Delta IIC: 21), STC 54

Robinson-Type Wheel Test (ASTM C627)

Plywood 16" o.c.	Extra Heavy
Plywood 19.2" o.c.	Moderate
Concrete 6" slab	Extra Heavy
Concrete 8" slab	Extra Heavy

PREPARATION AND APPLICATION

FOR PROFESSIONAL USE ONLY
FLOOR REQUIREMENTS

WOOD
Only APA rated OSB & Plywood substrates are suitable for KeedeRoll MT. Ensure the subfloor is structurally sound, stable, and built to code with movement joists placed in accordance with industry standards.

Minimum Thicknesses by Joist Width

- For a 16" o.c. joist, I-joist or floor truss a minimum subfloor thickness of 5/8" (16mm) is required with a minimum 1/8" tongue and groove gap between sheets.
- For a 19.2" o.c. joist, I-joist, or floor truss a minimum subfloor thickness of 3/4" (19mm) is required with a minimum 1/8" tongue and groove gap between sheets.
- For a 24" o.c. joist, I-joist or floor truss a double layer of plywood with one layer being at least ¾" (19mm) and an added layer of 3/8" (10mm) subfloor is required. A minimum of 1/8" tongue and groove gap between sheets is also required. If a second layer of plywood is undesirable, a layer of Dependable's Skimflow LCB at 1/4" minimum thickness may be used instead.

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.

24 HOUR EMERGENCY:
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If taken internally, call a physician. Technical Assistance:
Visit our website: floorprep.com or call 1-800-227-3434.

PREPARATION AND APPLICATION Continued

CONCRETE

Ensure all concrete is structurally sound, smooth, and stable prior to installing KeedeRoll MT. Additionally ensure the slab meets TCNA requirements and the temperature/environmental requirements of the tile. All moving and control joints must be honored.

GYPSUM CONCRETE

KeedeRoll MT serves as a TCNA approved barrier between tile and the gypsum concrete slab. Ensure the gypsum is structurally sound, smooth, and stable prior to installing KeedeRoll MT. It is recommended that you seal the gypsum concrete prior to installing any adhesive or mortar. Dependable's Primer A will work as a sealer, follow the technical data sheet's installation instructions for details.

Substrate Preparation

- Ensure all substrates are dry, structurally sound, smooth, and stable.
- Mechanically remove any dust, paint, oil, wax, or potential bond breakers from the substrate.
- The subfloor MUST be level, if leveling is required use a self-leveling underlayment prior to installing KeedeRoll MT. For wood & gypsum substrates use Skimflow LCB. For concrete substrates use Platform L3.
- Assure that the relative humidity of any concrete slab is in accordance with the finished floor's tolerance level. Use ASTM F2170 Standard Test Method for determining RH in concrete slabs to determine RH levels. If moisture remediation is required use Dependable's Vaporseal HM+. For gypsum concrete use a Delmhorst moisture meter to determine if the gypsum slab is suitable for installation of ceramic tile. Consult Technical Services for details on moisture in gypsum.
- If the concrete slab exhibits any cracking, ensure the cracks are in-plane. If the cracks are not in-plane do not install KeedeRoll MT.

APPLICATION INSTRUCTIONS

Following the steps properly while installing KeedeRoll MT is essential to the success of your installation.

- Follow the mortar and/or adhesive manufacturer's instructions in preparation for installing Keede Roll MT.
- If installing KeedeRoll MT as a soundmat, it is recommended that a perimeter isolation strip is used around the edges of the room.
- Starting from the wall and using the appropriate thin-set mortar or adhesive, begin troweling out the mortar/adhesive using either a 1/4" x 3/16" v-notch trowel for mortar or 1/16" x 1/16" x 1/16" v-notch trowel for adhesives.
- Only trowel out enough mortar/adhesive that you can cover with KeedeRoll MT with-in allowable working time of mortar/adhesive.
- Place KeedeRoll MT into the mortar/adhesive with the fabric side down. Use a weighted roller to ensure the fabric is embedded into the mortar/adhesive. Roll the KeedeRoll until all airpockets are eliminated.
- Lift up a corner to ensure there is full coverage of mortar/adhesive on the fabric.
- Align the end and edges of KeedeRoll MT and ensure the seams are butted tightly together. You may need to remove the selvedge edge in some areas to ensure a smooth installation.

INSTALLING TILE OVER KEEDEROLL MT

All tile must be installed according to the tile manufacturers' instructions.

- Tile may be installed over KeedeRoll MT as soon as it has been embedded into place.
- Trowel the appropriate mortar using the recommended size trowel to key in mortar into the mat.
- Ensure the mortar has filled the entangled net and is encased into the fillaments.
- Spread the tile manufacturers' recommended mortar onto KeedeRoll MT, then embed the tiles into the setting material. Periodically lift the tile to ensure the tile has appropriate coverage.

LIMITATIONS

- This product is not intended for use in areas with standing water including, but not limited to: fountains, pools, and filled tubs.
- This product is not intended to be used as a wear surface.
- Do not bond directly to particle board, vinyl flooring, metal or other surfaces not approved by Dependable
- KeedeRoll MT is not designed to work in environments not approved by the setting materials' manufacturer
- When installing natural stone over KeedeRoll on a wood substrate, we recommend the use of two layers of plywood

Dependable
Flooring Experts since 1951

MADE IN USA AMERICAN PRODUCT

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Published technical data & instructions are subject to change without notice. Please contact Dependable for the most current technical data, safety data & application instructions.

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