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 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 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 Tiles over KeedeRoll MT | |
|---|---|
| 6 inch concrete slab | 50 IIC |
| 6 inch concrete slab with ceiling | 59 IIC |
| 8 inch concrete slab | IIC 53 - 54, 54 STC, 21 Delta |

| **Testing on 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**
OSB and plywood are approved substrates for KeedeRoll™ MT. Ensure the flooring is structurally sound and built to code, with movement joists placed in accordance with industry standards.

**JOIST**
- For a 16" o.c. joist, I-joist, or floor truss, use a minimum subfloor thickness of 5/8" (16mm). Tongue-and-groove with a 1/8" (3mm) gap between sheets.
- For a 19.2" o.c. joist, I-joist, or floor truss, use a minimum subfloor thickness of ¾" (19 mm). Tongue-and-groove with a 1/8"" (3 mm) gap between sheets.
- For 24" o.c. joist, I-joist, or floor truss, use a double layer of plywood. Use a minimum subfloor thickness of ¾" (19 mm) and an added layer of 3/8" (10mm) subfloor as a second layer.

**Approved Thin-sets and Grouts**
- Any modified thin-set in accordance with ANSI A118.14 or ANSI A118.11.
- Any unmodified thin-set in accordance with ANSI A118.1.
- Use of a modified thin-set is recommended.

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:**
**CHEMTREC®**
**1-800-424-9300**
**NON-TOXIC and NON-FLAMMABLE**

Keep container closed and keep away from children. May cause slight eye abrasion or irritation if spilled or rubbed in eyes. Flush thoroughly with water.

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

## PREPARATION AND APPLICATION Continued

### CONCRETE

Concrete is an approved substrate for KeedeRoll™ MT, ensure it's structurally sound prior to installation. Additionally, ensure the slab meets TCNA requirements and temperature requirements.

**Substrate preparation:**

- Ensure the substrate is structurally sound
- Clear any dust, paint, oil, wax or potential bond breaker from the floor. Consult Technical Services if you have any questions
- The subfloor MUST be flat and level. If leveling is required use a self-leveler or patching product. If you're installing KeedeRoll™ MT on a gypsum concrete subfloor use Dependable's SKIMFLOW® NP or POLYSKIM® (see data sheets for details).
  If you're installing KeedeRoll MT on a Portland concrete floor use Dependable's SKIMFLOW® NP and PrepPro Feather™ products (see data sheets for details).
- Assure that the RH level of the concrete slab is in accordance with the finished floor's tolerance level. Consult the manufacturer's instructions. Use ASTM F2170 Standard Test Method for determining RH in concrete slabs to determine RH levels. (Note: this is not required for gypsum concrete).
- 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.

**Movement Joints:**
Movement joints must be installed in accordance with industry standards, if they are not do NOT install KeedeRoll™ MT.

### HEATED FLOORS

Heated floors are an approved substrate for KeedeRoll™ MT. Ensure the heated floor is either an electric thin mat or wire heating floor system. Follow the manufacturer's installation instructions,and follow KeedeRoll™'s installation instructions for wood substrates above.

### REQUIRED TOOLS:

- 1/4" or V-notch trowel
- Appropriate thin-set mortar (see Approved Thin-Set's and Grouts above)
- Carpet knife
- Tile float or roller

## APPLICATION INSTRUCTIONS

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

- Mix mortar according to the manufacture instructions
- Starting from the wall and using the appropriate thin-set mortar begin troweling out the mortar using a 1/4" x 3/16" V-notch trowel.
- Trowel enough area to cover with a portion of KeedeRoll™ MT then work your way down while rolling out the mat.
- Place KeedeRoll™ MT into the mortar with the fabric side down. Use a float trowel or roller should be used to ensure that the fabric is embedded to the mortar. Roll the area until any air pockets are eliminated.
- Lift up a corner to ensure there is full coverage of thin-set mortar on the fabric.
- Align the end and side sections of KeedeRoll™ MT and apply mortar to the selvedge edge and subfloor. Roll the product out as done previously. Continue working the product out while making sure the joints are butted tightly and the selvedge edge is covered. Continue this pattern until the area is complete.
- At roll ends or butt joints place a piece of scrap KeedeRoll™ MT fabric with the core removed from it under both pieces and trowel or roll into the thin-set mortar. Place additional mortar on the fabric and continue with the installation, assuring the fabric covers the entire seam edge.

**Installing Tile over KeedeRoll™ MT**
All tile must be installed according to the tile manufacturers recommended installation instructions.

- Tile may be installed over KeedeRoll™ MT as soon as KeedeRol™I MT has been installed and embedded into place.
- Trowel the appropriate mortar using the appropriate size trowel recommended by the tile manufacturer depending on the tile size.
- Ensure the mortar has filled the entangled net and encased into the filaments.
- Embed the tiles into the setting materials. Periodically lift the tile to make sure the tile has appropriate coverage.

Dependable
*Flooring Experts since 1951*

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