

# Mer-Krete™ Sound Shield® 7000

## SOUND SUPPRESSION SYSTEM

### DESCRIPTION:

Mer-Krete Sound Shield 7000 is a fiber reinforced rubber sound suppressing mat and crack isolation membrane incorporating a polyester fabric layer on each side to enhance adhesive strength. Sound Shield 7000 is produced in 42" x 48" sheets @ 1/8" thickness. Weight is approximately .75 lb/sq ft.

### USE:

Mer-Krete Sound Shield 7000 is most commonly used as a sound reducing barrier between concrete or plywood sub-floors and hard surface overlayers such as tile, stone and hardwood flooring. IIC ratings range from 53 to 63 depending on floor system.

### ADVANTAGES:

- Easy to handle sheets eliminates curled edges.
- Engineered surfaces provide enhanced bonding.
- Adheres to all common sound substrates.
- Made from recycled materials reducing landfill usage (meets LEED requirements).
- Reduces both airborne and impact sound transference.
- Helps reduce overlay cracks due to sub-floor movement (ANSI A118.12).
- Meets ASTM E1007 requirements.

### RECOMMENDATIONS:

No sealers, curing compounds or coatings shall be used on the substrate. Surfaces shall be left clean. Any contaminants shall be removed prior to application.

Patching, leveling or areas requiring a mortar bed should be prepared using Mer-Krete Underlayments.

### SPECIAL NOTE:

Mer-Krete Thin-Set 801 is a new proprietary hybrid formulation developed for use in installations of non-porous tiles over sound mats, waterproof and crack isolation membranes as well as any other non-absorptive surfaces. Unlike regular thin-sets, all the water is hydrated within the Thin-Set 801 system rather than requiring evaporation. When installed with Sound Shield 7000 and porcelain or other non-porous overlays, Thin-Set 801 is warranted to completely cure in 48 hours.

### INSTALLATION:

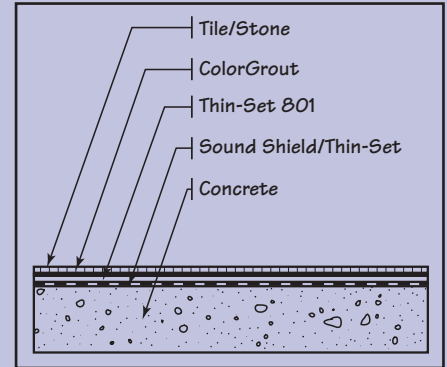
Work should be performed only by a trained applicator and in strict accordance with ANSI A-108.5 methods and manufacturer application specifications, abbreviated below:

Mix Mer-Krete 801 thin-set with approximately 1 gal to 1 1/4 gal of cool clear water per 50# bag to a smooth paste like consistency.

Use a 1/4" notched trowel and spread only the amount that can be covered in 15 minutes. If material skims over on the floor, re-trowel as long as material remains tacky, if dried out, remove from floor and discard.

When spreading thin-set, comb in one direction. Place one edge of Sound Shield mat on the floor and roll down into the thin-set (roll perpendicular to the troweled ridges of the thin-set). Leave a 1/4" gap around room or any protrusions and fill with an acoustical caulking material.

Move the mat back and forth perpendicular to the thin-set ridges. A 30 lb. roller is recommended to help flatten out the mat. If any thin-set extends out between the edges of the mat, either scrape off the excess or take the flat edge of a trowel and strike the thin-set flat with the mat.



### PHYSICAL & TECHNICAL DATA:

<b>Tensile Strength:</b>	> 750 p.s.i.
ASTM D412	
<b>Tear Strength:</b>	150 in/lb
ASTM D624	
<b>Compression Set B:</b>	35% max
ASTM D395	
<b>Shore A Hardness:</b>	< 77
ASTM D2240	
<b>TCA Robinson Test:</b>	
ASTM C627	Med. Commercial
<b>Sound Rating IIC:</b>	53-63
ASTME989/E492	

### TECHNICAL ASSISTANCE:

Specification assistance is highly recommended prior to a proposed installation. Contact any Mer-Krete technical representative for recommendations over existing substrates or problem areas.

### WARRANTY:

5 year, 10 year and Limited Lifetime warranties are available. Contact the Customer Service Department for specific warranty information.



**MER-KRETE SYSTEMS**  
**(800) 851-6303**

A Division of **PareXLahabra**

**Mer-Krete Systems**  
501 Van Ness Avenue  
Torrance, California 90501

**Tel:** (323) 775-2461  
**Fax:** (310) 320-4938  
**Internet:** [www.merkrete.com](http://www.merkrete.com)  
**E-mail:** [info@merkrete.com](mailto:info@merkrete.com)

For the latest and most current product information, make sure to visit our website at: [www.merkrete.com](http://www.merkrete.com)

REV 7/07