

RICHMOND PARK - CONDOMINIUM

Acoustic Specifications

Sound control underlayment products/system adopted by the Board of Directors:

- **Mapesound 90 and the associated primer Mapel SM Primer.**

Unit owner must provide the association with technical data for the complying weight and thickness of the sound control underlayment product/system that meets or exceeds the Association's standards.

DESCRIPTION

Mapesound 90 is a flexible, thin, 90-mil (2.3-mm) lightweight, load-bearing, fabric-reinforced "peel-and-stick" sound-reduction and crack-isolation membrane. After application, ceramic tile or stone can be installed immediately with recommended MAPEI polymer-modified cement-based mortar, or glue-down wood flooring can be immediately installed with any MAPEI urethane or hybrid-polymer-based wood adhesive.

Mapesound 90 reduces transmission of impact sound (footsteps, dropped objects, etc.) and airborne sound (voice, TV, etc.) through floors when installed under ceramic tile, stone or wood floor coverings. It also helps to prevent existing or future in-plane floor cracks (with movement up to 3/8" [10 mm] wide) from transmitting through grout, ceramic tile or natural-stone assemblies.

FEATURES AND BENEFITS

- Dual protection: Provides sound reduction and crack isolation
- Semi-rigid sheet: Easy to position on floor and cut to size
- Split-back release film: Installs faster than membranes with 1-piece liners
- White surface: Easy to view under lower-light conditions
- Thin-film adhesive backing: Bonds to a variety of substrates
- Time-saving: Prime, peel, stick and then install tile or wood immediately
- No odor: Great for confined spaces
- Contains post-industrial recycled material

INDUSTRY STANDARDS AND APPROVALS

- ASTM C627 (Robinson): See "Product Performance Properties" section for *Mapesound 90*.
- ASTM E492-04 (Impact Sound), E90-04 (Airborne Sound), E2179 (Impact Sound): See "Product Performance Properties" section for *Mapesound 90*.
- ANSI A118.13 (Bonded Sound Reduction Membranes for Thin-Set Ceramic Tile Installation): *Mapesound 90* exceeds the standards for bonded sound-reduction membranes. See "Product Performance Properties" section for *Mapesound 90*.
- ANSI A118.12 (Crack Isolation for Tile & Stone): *Mapesound 90* exceeds the high-performance standard for crack isolation. See "Product Performance Properties" section for *Mapesound 90*.

LEED Points Contribution	LEED Points
MH Credit 4, Recycled Content*	Up to 2 points

* Using this product may help contribute to LEED certification of projects in the category shown above. Points are awarded based on contributions of all project materials.

WHERE TO USE

Use under ceramic tile, natural stone and wood flooring in interior residential areas such as homes, apartments and condominiums, and in interior light commercial areas such as office buildings, restaurants and galleries.

Sound reduction (for tile, stone and wood flooring)

- For interior residential and light commercial floors

Declaration of Condominium.

9.2 Weight and Sound Restrictions. Hard and/or heavy surface floor coverings, such as tile, wood, marble, stone, and the like, will not be permitted in any part of a Unit or its Limited Common Elements located on the second or higher floors of the Buildings without prior written approval from the Board of Directors of the Association other than as originally installed by the Developer. A request for use of a hard and/or heavy surface floor covering in any location in any second or higher floor Unit, must be submitted to and approved by the Board of Directors of the Association and also meet applicable structural and sound abatement requirements, as promulgated by the Board of Directors of the Association from time to time, or as set forth in then applicable rules and regulations of the Association. Any installation of hard and heavy surface floor covering in second or higher floor Units must be accompanied by the proper installation of an appropriate sound control underlayment product/system, the specifications of which shall be promulgated by the Board of Directors of the Association from time to time, or as set forth in then applicable rules and regulations of the Association. Also, the installation of any improvement or heavy object must be submitted in advance to and approved in writing by the Board of Directors of the Association, and be compatible with the structural design of the Building.

Prior to the installation of such hard surface flooring, the Unit Owner must provide the Association with technical data for the complying weight and thickness of the sound control underlayment product/system that meets or exceeds the Association's standards and minimum requirement for sound control underlayment products/system as adopted by the Board of Directors of the Association, from time to time. The Board reserves the right to revise or modify the standards and minimum requirements for sound control underlayment product/systems from time to time. The Board of Directors may require a structural engineer to review certain of the proposed improvements, with such review to be at the Owner's sole expense. Owners will be held strictly liable for violations of these restrictions and for all damages resulting therefrom and the Association has the right to require immediate removal of improvements installed in violation hereof. Each Owner, by acceptance of a deed or other conveyance of their Unit, hereby acknowledges and agrees that sound transmission is very difficult to control, and that noises from adjoining or nearby Units and/or mechanical equipment can often be heard in another Unit.