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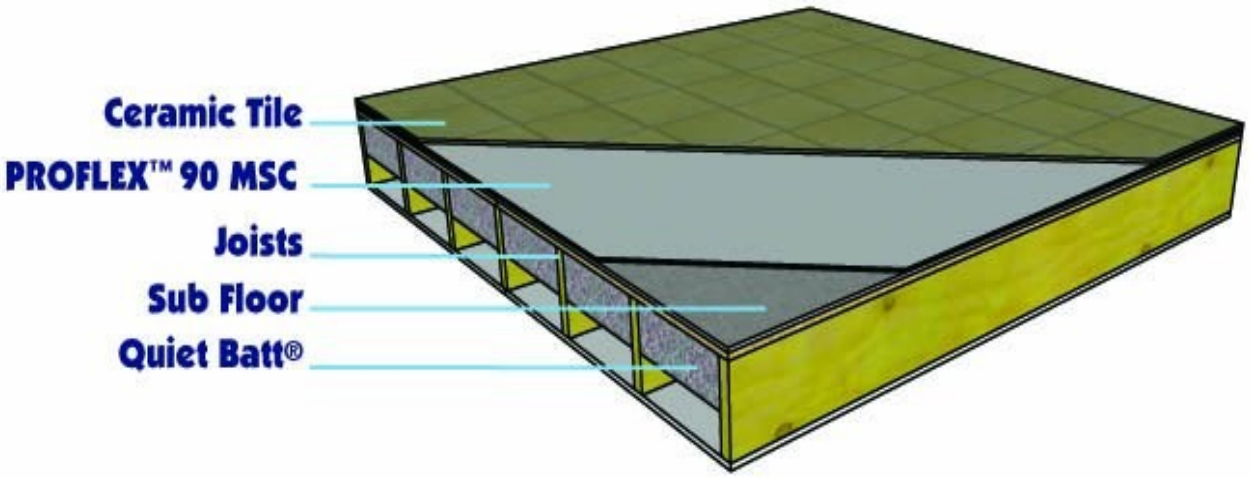
BEST Tile Floor Soundproofing Assembly



This assembly will soundproof ceramic tile and marble floors. Using this assembly will reduce impact noise (foot fall) and airborne sound transmission between adjoining rooms connected by a ceiling/floor. This type of construction is perfect for floors in multi-family dwellings such as condominiums and apartment buildings.

ADDRESS
Soundproofcow
440 Ramsey Avenue
Chambersburg, PA 17201

PHONE
P: 1-866-9499-COW
F: (717) 261-1790

WEB
www.soundproofcow.com

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Products used in this assembly:

PROFLEX™ 90 MSC

PR 11 Water Based Primer

Quiet Batt® Soundproofing Insulation

OSI® Pro-Series® SC-175™ Acoustical Sound Sealant

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Instructions / Details

1. Make sure the sub-floor surface is clean, dry and free of obstructions.

2. Apply the Acoustic Sealant around the entire perimeter of the room. Seal all cracks and holes.

3. Stir or shake the PR 11 Primer thoroughly. Apply with the provided roller. The approximate dry time for the primer is 20 minutes. The surface should be tacky but does not transfer when touched.

4. Cut and fit the PROFLEX™ material with the release paper still attached.

5. Roll up ½ of the PROFLEX™ membrane, leaving the other half unrolled. Cut the release paper from the rolled portion of the membrane and slowly pull the release paper towards you, exposing the tacky surface.

6. Unroll the PROFLEX™ towards you, while pealing the release paper. Carefully unroll the material on to the primed floor, avoiding wrinkles, bubbles and overlapping. Follow the same procedure for the entire floor.

7. With a floor roller apply pressure to ensure good contact to the sub-floor surface.

8. Surfacing materials such as ceramic tile, porcelain tile, marble, stone or brick can be installed immediately after the PROFLEX™ material has been installed. The mortar should meet ANSI 118.4 as a minimum. Mastic should be a Type 1 or better.

9. Install the surfacing material following common industry standards.

Note: For increased performance add Quiet Batt® Soundproofing Insulation between the floor joists.

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