

# Installation Instructions for Tile Flooring



## Applications:

- Apartments
- Condominiums
- College dormitories
- Class rooms
- Schools
- Hospitals
- Any area where reduction of impact noise is desired.

## Prep Work

Regupol Sonus Underlayment and the flooring material must acclimatize, in their sealed packaging, in the room where they are installed for at least 48 hours, at temperature of at least 65°F. Before starting installation make sure the sub floor is permanently dry and free of dirt, dust, grease and other foreign matter. Concrete must be free of efflorescence and not subject to hydrostatic pressure. Sub floor moisture percentages should not exceed the flooring manufacturers or Regupol's recommendations of 8 pounds per 1,000 square feet over 24 hours or RH at 90%.

## Wood Floor Construction

Sub floor should be properly leveled, structurally sound and clean. Plywood sub flooring should be of a good grade. Variations in floor level over 1/8" within 3 feet span should be leveled before installing underlayment. Any nails or other protrusions should be pounded flat or removed. Sub floor should have L360 for deflection.

## Concrete Slab

Inspect concrete sub floor for any open cracks and fill with a high grade patch. Remove any excess concrete lumps or residue that may interfere with the installation of Regupol Sonus. The concrete slab should be permanently dry. A good quality concrete water-proof sealer may be required if moisture in slab is too high.




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## Installation of Regupol Sonus Under Ceramic Tile

Regupol Sonus underlayment needs to be adhered to the sub floor. Acceptable bond-coat adhesives: Regupol TruBond use 3/32" x 3/32" x 3/32" square– notched trowel. Periodically check and see that you are getting 100% transfer of adhesive.

Start in a corner and roll out Regupol Sonus installing it flush to the walls. Roll up the roll halfway and apply adhesive on exposed area, roll back over adhesive flat trowel any air pockets, continue with other side the same way. Continue rolling out and gluing down Regupol Sonus in the same manner until the entire area is covered. Make sure the edges are tightly butted together, both side by side & end by end. Use a 50–100 lb. roller to fully bond the Sonus to sub floor. Install perimeter isolation strips vertically on walls or leave a 3/16" gap around all perimeter walls (this gap can be filled with a latex caulk but NOT grout). After 8 hours or when adhesive is fully cured install tile/ stone flooring using a latex modified thin set (we recommend Mapei Ultraflex 2 or 3). The thin set must be burned or keyed into the Sonus to insure proper bond. Grout and trim isolation material flush with floor, hold trim board 1/16" off floor to avoid flanking paths.

## Accessories

<b>TruBond</b> 4 gal pails 340-380 sq. ft. of coverage based upon sub floor	<b>Regupol® TruBond</b> is a universal all-purpose adhesive that is designed to adhere Regupol Sonus acoustic underlayments to subfloors for hardwood and ceramic tile installations.	
<b>ISO-Strips</b>	<b>Regupol ISO-Strips</b> can be installed on perimeter walls or under wall partitions to isolate impact noise. Available in 6mm thick by 5ft long by 4" or 6" high	