

Applications:

- Apartments
- Condominiums
- College dormitories
- Classrooms
- Hospitals
- Office buildings
- Any area where noise reduction 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 subfloor 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. Subfloor moisture must not exceed the flooring manufacturers recommendation or 5 pounds per 1,000 square feet over 24 hours and RH of 85%.

Wood Floor Construction

Subfloor 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. Subfloor should not exceed a deflection of L/360.

Concrete Slab

Inspect concrete subfloor 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 the underlayment. The concrete slab should be permanently dry. A good quality concrete waterproof sealer may be required if moisture in slab is too high.

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to REGUPOL impact
sound insulation

INSTALLATION OF REGUPOL SONUS UNDER HARDWOOD

GLUE DOWN HARDWOOD INSTALLATION

REGUPOL sonus core needs to be adhered to the subfloor. We recommend using the **REGUPOL 45-101** adhesive with a 1/8" x 1/8" x 1/8" square notched trowel. Check for 100% transfer of the adhesive and switch to a larger trowel size if needed. Install the underlayment perpendicular to the hardwood floor. Start in a corner and roll out the **sonus core** flush to the walls. Roll up the underlayment halfway and apply adhesive on the exposed area. Roll back over the adhesive and flat trowel any air pockets. Continue with the other side the same way. Continue rolling out and gluing down the underlayment until the entire area is covered. Make sure all of the edges are tightly butted together, both side by side and end by end. Use a 50 to 100 lb roller to fully bond the **sonus core** to the subfloor. After 8 hours or when the adhesive has cured, install the hardwood flooring using **REGUPOL 40-205** adhesive or another approved adhesive (contact **REGUPOL** for list). Always follow the manufacturers written instructions. Install the baseboard slightly off the floor to avoid any flanking noise paths.

FLOATED HARDWOOD INSTALLATION (includes Sonus Curve)

Install the underlayment perpendicular to the hardwood floor. Start in a corner and roll out the underlayment flush to the walls. Continue the next row in the same manner until the whole room is covered. You may tape the seems, but it is not necessary. Install the floated hardwood according to the manufacturers written instructions. Install the baseboard slightly off the floor to avoid any flanking noise paths.

ACCESSORIES

REGUPOL 40-205

REGUPOL 40-205 is a one component polyurethane adhesive ideal for bonding **sonus core** underlayment for engineered hardwood.

4 gal pail

See product data sheet for coverage estimation

REGUPOL 45-101

REGUPOL 45-101 is a universal all-purpose adhesive that is designed to adhere **REGUPOL** underlayments to subfloors for hardwood and ceramic tile installations..

4 gal pail

400-650 sqft of coverage based upon subfloor

REGUPOL ISO-Strips

REGUPOL ISO-Strips can be installed on perimeter walls or under wall partitions to reduce noise transmission.

Dimensions:

Thickness: 1/4" (6mm), Length: 5' (1,524mm), Widths: 4", 6", 8" (102mm, 152mm, 203mm)

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REGUPOL sonus core



REGUPOL 40-205



REGUPOL 45-101



REGUPOL iso-strip

