

Installation Instructions ProBase Underlayment for Ceramic Tile & Stone



ProBase Underlayment Spec's

Thickness 3mm, 5mm, 6mm, 10mm, 12mm, other
Lengths: 25' or 50' continuous rolls
Widths: 48" standard

Upon Delivery of ProBase Underlay

- Verify that you have received the correct product and quantity.
- Store ProBase in a clean, dry location
- Read and follow all manufacturers written instructions.

Tools needed for Installation:

- Tape measure
- Metal straight edge
- Utility knife & extra blades

Prep Work

ProBase 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 manufacturer's or Impacta Technical Services recommendations of 5 pounds per 1,000 square feet over 24 hours

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

Installation of ProBase under Ceramic Tile

ProBase underlayment needs to be adhered to the sub floor. Acceptable bond-coat adhesives: Impacta T-700, Sika T-55, Sika T-35, Chemrex CX-941 or Bostik Best. Use 1/8" x 1/8" x 3/16" V- notched trowel. Start in a corner and roll out ProBase 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 ProBase 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 ProBase to sub floor. Install Sound Seal perimeter isolation strips or cut 1" x 4' strips off ProBase roll and install around all walls and obstacles. After 8 hours or when adhesive is fully cured install tile/ stone flooring using a latex modified thin set (we recommend Laticrete 254). The thin set must be burned or keyed into the ProBase to insure proper bond. Grout and trim isolation material flush with floor, hold trim board 1/16" off floor to avoid flanking paths.

Perimeter isolation strips, 1 1/2" x 4' with Peel & Stick backer - 25 strips per box 100 linear feet)

4 gal bucket Impacta T-700 bond coat adhesive - 90-108 sq ft per gallon coverage

