PREP WORK

Surface Preparation

Surface must be structurally sound, clean, dry and free from dirt, oil sealers or any contaminants that would prevent a good bond. CeraZorb must acclimatize in their sealed packaging for 48 hours at a temperature of 65° Fahrenheit.

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 CeraZorb. The concrete slab should be fully cured, dry, smooth, flat, and accept water penetration. Concrete must be free of efflorescence and not subject to hydrostatic pressure. A good quality concrete waterproof sealer may be required if moisture in the slab is above 10%.

Gypsum Substrates

Gypsum substrates must have a PSI greater than 2000 and must be first primed or sealed per manufacturer's instructions.
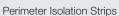
Wood Substrates

The sub floor should be permanently dry, smooth, flat, and clean free from dirt, grease, wax, paint, oil or anything that would hinder a good bond. Plywood sub flooring should be of a good grade. Variations in floor level over 1/8" within a 3' 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.

Bonding Material

CeraZorb is bonded to the sub floor with Impacta T-440 bond coat adhesive. Use a 1/16" x 1/16" x 1/16" square-notched trowel. Apply only enough adhesive as can be covered by a 4' x 4' sheet.

Accessories

Perimeter Isolation Strips | T-440 Acrylic Adhesive

Clean up any extra before the adhesive skins over. Impacta T-440 and the sub floor must be at 65° Fahrenheit.

Install CeraZorb

Wait 15 minutes and install CeraZorb into the adhesive while it is still wet. Do not allow adhesive to skin over. Lift a corner periodically to see if the adhesive is transferring 100%. If adhesive is not transferring, apply additional adhesive. Flat trowel the CeraZorb to smooth out air pockets. Continue to install CeraZorb sheets making sure to install with edges butted tight to each other, do not overlap seams. After first row is completed, roll the mat with a 50 lb roller. Install second row with staggered seams to the first row and repeat steps above. It is recommended to wait 8-12 hours before installing tile on top of CeraZorb.

Installation of Tile, Stone or Marble

Before installation of the flooring, install perimeter isolation strips with PSA backer or cut 1" wide by 4' lengths off the sheet. Fasten the perimeter strips to the wall of the entire sub floor use T-440 or mastic if cutting strips. Make sure to follow applicable ANSI A.108/A.118/A.136 for proper installation of ceramic tile. When applying tiles to CeraZorb always use a polymer-modified mortar meeting ANSI A118.4 or A118.11 standard. It is recommended to key-in/burn-in a thin layer of thin set into the surface of CeraZorb as a first step to tiling.

After finished floor is installed, trim the excess perimeter isolation strip flush with the floor. Prior to installation of cove or base molding seal isolation foam with either Sound Seal acoustic caulk or any waterproof acrylic caulk. Adhere the base or cove to the wall. The base board must not touch the floor to avoid sound/vibration to flank through the walls.

Optional Accessory Installation

Before installation of the flooring, install perimeter isolation strips with PSA backer or cut 1" wide x 4' lengths off the sheet. Fasten the perimeter strips to the wall of the entire sub floor use T-440 or mastic if cutting strips. After finished floor is installed, trim the excess perimeter isolation strip flush with the floor. Prior to installation of cove or base molding seal isolation foam with any waterproof acrylic caulk. Adhere the base or cove to the wall. The base board must not touch the floor to avoid sound/vibration to flank through the walls.