

CeraZorb Installation Instructions for Ceramic Tile, Marble & Natural Stone Flooring

Installation Instructions for CERAZORB on Concrete Slab or Lightweight Concrete

Please ensure that the below steps are followed when applying CeraZorb on concrete.

- ✓ Ensure concrete has cured a minimum of 28 days prior to installation of CERAZORB.
- ✓ Conduct a "calcium chloride test" and make sure no alkalinities are present at the surface. PH levels should be no higher than 9. Determine whether an adhesive can be used or if a thin set is required, if alkalinities are high and the moisture content is high, you need to use thin set. Check for sealing agents at the surface by dropping a small amount of water to the surface and look for beading or penetration of liquid. Water should penetrate. If a sealing agent is present, it's best to remove the sealer by shot blasting or some other technique to ensure proper bond of the CERAZORB to the concrete.
- ✓ Make sure all foreign objects, dust, and dirt are swept free from the surface to be covered with CERAZORB. Ensure no moisture or standing water is present on floor.
- ✓ Look for any cracking of concrete over a 1/8 inch. If cracking over a 1/8 inch is present structural issues may be present. Speak to the general contractor on this issue. Objects protruding from the surface or concrete voids should be patched prior to installation of CERAZORB.
- ✓ Make sure to follow applicable ANSI A.108 A.118 A.136 and TCA guidelines for proper installation of ceramic tile.
- ✓ When applying CERAZORB to surface use a 1/8 x 1/8 inch V notched trowel for applying bonding adhesive, any more will be in excess. Excess adhesive will void the warranty.
- ✓ When applying with a modified thin set or CERAGRIP acoustic adhesive use a 3/16" x 3/16" V notched trowel and always follow manufacturer's written instructions.
- ✓ CERAZORB is designed for covering entire surface. Do not just cover any cracking that may be present, as there will ultimately be more cracking to occur. If you're only covering the cracks the install will not be effective in providing protection from future cracking! Make sure to apply CERAZORB all the way to interior walls for proper sound abatement.
- ✓ Tape all seams with a 2" tape that will meet the ANSI moisture transmission standards, such as vinyl tape.
- ✓ Make sure to butt the edges of CERAZORB together, making sure to not overlap the membrane. CERAZORB can be trimmed during installation with a utility knife to ensure complete coverage.
- ✓ After applying CERAZORB use a 35lb roller followed by a flat trowel to smooth out the air pockets.
- ✓ Install perimeter isolation barrier vertically around perimeter of entire floor, piping and all obstacles. Use wall mastic or spray adhesive to attach to wall. (perimeter isolation foam is available from Sound Seal or you may cut strips 1 1/2" by 4ft long off the roll of CERAZORB)
- ✓ When applying tiles to CERAZORB it is necessary to use a multi-purpose flexible thin set., latex modified thin set is recommended.
- ✓ Make sure to follow all thin set and grout manufacturer instructions.
- ✓ When folding into expansion joints make sure to press the membrane firmly into the joint for proper bond to the adhesive layer.
- ✓ Trim back perimeter isolation barrier flush with floor. Install optional Sound Seal Acoustic Caulk above isolation barrier and install base molding leaving an 1/8" gap between floor and molding.

Installation Instructions for CERAZORB on Wood Substrates

Please ensure that the below steps are followed when applying CeraZorb on wood substrates.

- ✓ Make sure all foreign objects, dust, and dirt are swept free from the surface to be covered with CERAZORB. Make sure no nails or staples are protruding up
- ✓ Sub floor should be properly sloped, structurally sound, level, and clean. Good grade plywood that does not exceed deflection of L/360 of span including live and dead loads should be used.
- ✓ Make sure to follow appropriate ANSI A.108 A.118 A.136 and TCA guidelines for proper installation of ceramic tile.
- ✓ When applying CERAZORB to surface use a 1/8 x 1/8 inch V notched trowel for applying bonding adhesive, any more will be in excess. Excess adhesive will void the warranty.
- ✓ When applying with a modified thin set or CERAGRIP acoustic adhesive use a 3/16" x 3/16" V notched trowel and always follow manufactures written instructions .
- ✓ CERAZORB is designed for covering entire surface. Make sure to apply CERAZORB all the way to interior walls for proper sound abatement.
- ✓ Tape all seams with a 2" tape that will meet the ANSI moisture transmission standards, such as vinyl tape.
- ✓ Make sure to butt the edges of CERAZORB together, making sure to not overlap the membrane. CERAZORB can be trimmed during installation with a utility knife to ensure complete coverage.
- ✓ After applying CERAZORB use a 35lb roller followed by a flat trowel to smooth out the air pockets
- ✓ Install perimeter isolation barrier vertically around perimeter of entire floor, piping and all obstacles. Use wall mastic or spray adhesive to attach to wall. (perimeter isolation foam is available from Sound Seal or you may cut strips 1 1/2" by 4ft long off the roll of CERAZORB)
- ✓ When applying tiles to CERAZORB it is necessary to use a multi-purpose flexible thin set., Latex modified thin set is recommended. Make sure there is proper coverage.
- ✓ Make sure to follow all thin set and grout manufacturer instructions.
- ✓ When folding into expansion joints make sure to press the membrane firmly into the joint for proper bond to the adhesive layer.
- ✓ Trim back perimeter isolation barrier flush with floor. Install optional Sound Seal Acoustic Caulk above isolation barrier and install base molding leaving an 1/8" gap between floor and molding.