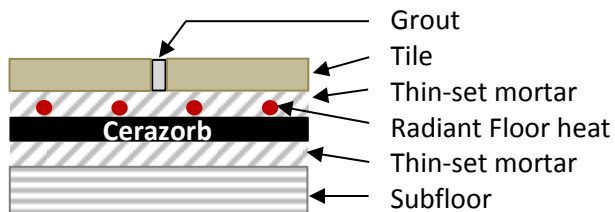


Under Stone, Ceramic, Vinyl or Carpet Tiles



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 its sealed package for 48 hours at 65 degrees F.

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 10% or more.

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 subfloor should be permanently dry, smooth, flat and free from dirt, grease, wax, paint, oil or anything that would hinder a good bond. Plywood subflooring should be of a good grade. Variations in floor level over 1/8" with a 3' span should be leveled before installing underlayment. Any nails or other protrusions should be pounded flat or removed. Subfloor should have L360 for deflection.

Bonding Material

Bond Cerazorb to the subfloor with latex-modified thin-set mortar. Use a 1/8" x 1/8" x 1/16" V-notched trowel. Apply sufficient thin-set to be covered by a 2'x4' sheet.

Install Cerazorb

Set Cerazorb into the thin-set while it is still wet. Lift a corner to see if the thin-set is transferring 100%. If not, apply additional thin-set. Flat trowel the Cerazorb to smooth out air pockets. Continue to install Cerazorb sheets with edges butted tight; do not overlap seams. After the first row is complete, roll Cerazorb with a 35 lb. roller. Install the second row with staggered seams to the first row and repeat above steps. It is recommended to wait 8-12 hours before installing tile on top of Cerazorb.

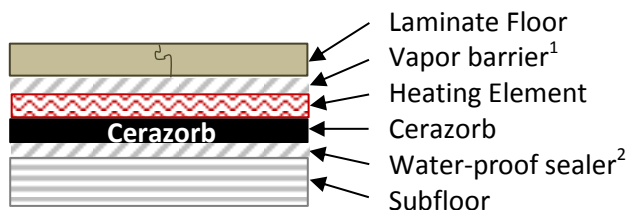
Installation of Tile, Stone or Marble

Follow applicable ANSI A.108/A.118/A.136 for proper installation of ceramic tile. Always use a polymer-modified mortar meeting ANSI A118.4 or 118.11. Install heating element over Cerazorb.

Skim coat method: Key in a skim coat over the heating element & onto Cerazorb as the first step. Thin-set tile in a second step using the appropriate notched trowel.

Self-leveling cement (SLC) method: Lay heating element over Cerazorb. Brush SLC primer over heating element and onto Cerazorb. Apply SLC. Thin-set tile in a second step using the appropriate notched trowel.

Under Floating Laminate or Wood



- 1 Top vapor barrier required for film heating systems only.
- 2 A water-proof sealer or vapor barrier is required below Cerazorb on slab subfloors where the calcium chloride test exceeds 3 lbs. per 1,000 SF in 24 hours.

Install (float) flooring layers as shown above. Duct tape Cerazorb seams together. After the first row is complete, install the second row with staggered seams to the first row.

R-Value: 1.5

Cerazorb Technical Data

Weight: .07 lbs. per SF

Thickness: 5mm (3/16")

TCNA Robinson Test: Light commercial

Sheet Size: 2' x 4'

Acoustic testing: Wood frame construction: IIC 53
6" slab no ceiling: Δ IIC = 20; Field FIIC = 59 (7" slab)