



# LayCool

## Premixed Thermal Insulation Mortar Base

**PRODUCT DESCRIPTION:** LayCool mortar is a single component premixed portland cement mortar that acts as base for embedding light weight aggregates used as thermal insulation layer in roofing and plastering,. Simply mix water and apply. The product has low shrinkage and exhibits excellent thermal compatibility with concrete.

**USES:** Roof and flooring where a light-weight embedding is specified. LayCool mortar improves the thermal and sound insulation of walls, roofs and floors.

**ADVATNAGES:** Extra workability for ease of mixing, pumping and application especially in hot weather.

**LIMITATIONS:**  
weather exposed to direct sunlight.

**COMPOSITIONS AND MATERIALS:** LayCoolMortar powder is a special blend of portland cement and other modifiers.

**PACKAGING:** Packaged in 20 kg bag.

**COLORS:** White, beige, brown, red and gray. Other colors available upon request.

### Technical Data

Bulk Density: (wet) 1.60 kg/liter

Open Time: Approximately two hours

Coverage (Leveling): Approximately 2.5 m<sup>2</sup> at a thickness of 10 mm, per 20 kg of mortar

Curing Time: 12 hours

Compressive Strength: >4,000psi (7 days)

### INSTALLATION:

**Surface Preparation:** Surface must be clean and free of dirt, oil, grease, sealers, waxes and other foreign matter.

**Mixing:** Mix LayCool powder with water to a smooth, workable consistency. Allow ten minutes to slake, then remix thoroughly. Mixing containers must be clean at all times since used material left in the container will contaminate new mixes. If after mixing the compound appears stiff, add a small amount of water. Do not use an excessive amount of water as this will result in a soft mortar.



**Precautions:** Portland cement is an irritant. Avoid contact with skin. In case of contact, wash thoroughly with water. For eyes get prompt medical attention. Keep out of reach of children.

**Cleaning:** Clean tools and surfaces with clean, damp cloth.

**Storage Life:** One year when stored in a cool, dry location. Do not expose powder to moisture. Close partially used bags and pails.

**MAINTENANCE:** LayCool Mortar is maintenance-free and permanent. If damaged, mortar may be mechanically removed and re-applied.

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