



# LayGrid

## Fiber Re-inforced Patching and Plastering Mortar

**PRODUCT DESCRIPTION:** LayGrid is a single component fiber modified portland cement mortar for plastering, patching and repair jobs. Simply mix water and apply. The product exhibits excellent thermal compatibility with concrete and provides a superior masonry surface.

**USES:** Designed for vertical and overhead use to produce a strong re-enforcement of concrete water retaining structures, crack free surfaces and impact resistance plaster.. Used also for patching/repairing curbs, steps, ramps, walkways, etc.

**LIMITATIONS:** For vertical patches thicker than 20 mm, a two-coat application will be necessary.

**COMPOSITIONS AND MATERIALS:** LayGrid powder is a special blend of portland cement, polymers, graded quartz silica, and other modifiers.

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

**COLORS:** Natural gray.

### Technical Data

Density: 1.30 kg/liter

Open Time: Approximately one-half hour

Coverage(Leveling): Approximately 0.66 m<sup>2</sup> of floor at a thickness of 3 mm, per kg of mortar

Curing Time: 5 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. Concrete slabs must be sufficiently cured and free of excessive moisture.

**Mixing:** Mix LayGrid 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 liquid as this will result in a soft mortar. The proper mix should slide off the trowel in a unit when tilted. If mortar starts to set before using, discard it. Do not attempt to remix or temper.



**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 sponge.

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

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

*Email: [laymaster@laymaster.net](mailto:laymaster@laymaster.net)  
All material is Copyright Lay Master Inc. and may not be reproduced without written permission  
Specifications subject to change without notice.  
Ver. 1/2004*