



LayLevel

Self Leveling Underlayment

PRODUCT DESCRIPTION: LayLevel is a one-component latex modified portland cement underlayment for patching and leveling jobs. Mortar is polymer reinforced. No latex modifier, bonding agent or other additives are needed. Simply add water and apply. LayLevel is fast-setting and can be walked on in four to five hours. It is not affected by prolonged exposure to moisture.

USES: A superior underlayment for use in raising or leveling concrete (above or below grade), plywood, double construction wood floors, etc. Forms a finished substrate for use under ceramic tile, quarry tile, marble, rug, vinyl tile or sheeting, wood flooring, etc. Use for patching/repairing curbs, steps, ramps, walkways, etc.

LIMITATIONS: For Patches thicker than 2.5 cm, a two-coat application will be necessary. When installing over wooden floors, prime surface with LayBond PVA prior to application.

COMPOSITIONS AND MATERIALS: LayLevel powder is a special blend of portland cement, graded quartz silica, latex-based copolymer, anti-foaming, leveling and dispersing agents.

PACKAGING: Packaged in 20 kg and 8 kg moisture resistant, multi-wall paper bags.

COLORS: Natural gray.

Technical Data

Density: 1.30 kg/liter

Open Time: Approximately one-half hour

Coverage (Filling): Each kg yields approx. 650 cm³ of fill

Coverage (Leveling): Approximately 0.66 m² of floor at a thickness of 3 mm, per kg of mortar

Curing Time: Open for Traffic in four hours

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

INSTALLATION:

Surface Preparation: Floor 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. When applying over wood floors be sure all sheets or boards are well nailed. For a superior bond, wood floors should be primed with Super-Weld liquid. Dampen concrete and masonry surfaces and apply while wet, but do not apply over standing puddles.



Mixing: Mix 20 kg bag of LayLevel with 4 liters of water to a smooth, workable consistency. Allow ten minutes to slake, then remix thoroughly.

Water and powder component are easily combined in a pail, mortar box, mechanical cement mixer, wheelbarrow, etc. 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 underlayment. 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: LayLevel is maintenance-free and permanent. If damaged, mortar may be mechanically removed and re-applied.

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