



# LayScreed

## Self Leveling Underlayement

**PRODUCT DESCRIPTION:** LayScreed is a one-component Flowable cementitious underlayment for thick patching and leveling jobs. Mortar is polymer reinforced. No other latex modifier, bonding agent or other additives are needed. Simply add water and apply. LayScreed not affected by prolonged exposure to moisture.

**USES:** A thick 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:** High traffic areas must be further protected with an epoxy coating.

**COMPOSITIONS AND MATERIALS:** LayScreed 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 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 cm<sup>3</sup> of fill

Coverage (Leveling): Approximately 0.1 m<sup>2</sup> of floor at a thickness of 8 cm, per kg of mortar

Curing Time: Open for Traffic in 7 days

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. Dampen concrete and masonry surfaces and apply while wet, but do not apply over standing puddles.

**Mixing:** Mix 20 kg bag of LayScreed 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:** LayScreed is maintenance-free and permanent. If damaged, mortar may be mechanically removed and re-applied.

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