

TECHNICAL DATA SHEET

LEVEL UP 403

Self-leveling Compound 3-5mm Thickness at 4000 psi

PRODUCT DESCRIPTION

LEVEL UP 403 is a ready-to-mix self-leveling underlayment mortar. It is used for leveling, smoothing, and repairing interior floors before the installation of the flooring system and coverings.

LEVEL UP 403 contains a combination of specially selected cement, graded aggregates, synthetic polymers, and a unique set control system. It requires only the addition of a measured quantity of water to produce a smooth free-flowing and self-leveling material, which can be applied up to 5mm in one application.

CUSTOMER BENEFITS:

- Ready-to-use – one pack product, simply mix with water on site
- Very good workability and flowability
- Very good mechanical and bonding strength
- Can be used directly onto concrete floors to provide a smooth surface without screeding
- Quick, easy laying and fast hardening
- Can be feather-edged to provide a smooth finish

RECOMMENDED FOR:

- Interior floors for houses and buildings prior to the application of covering materials.

INSTRUCTION FOR USE

PREPARATION

The substrate must be clean, sound, and free from dust, oil, grease, or surface contaminants. Remove any cement laitance, formwork traces, and loosely bonded particles. New concrete should be at least 28 days before application of **LEVEL UP 403**.

Large cracks or holes may be filled using equal volumes of **LEVEL UP 403** and clean sand mixed into a trowelable mortar.

PRIMING

All surfaces should be sealed prior to the application of **LEVEL UP 403**. Prime the surface with bonding agent **CEMENT GRIP**. Apply the mixed **LEVEL UP 403** on the still-wet **CEMENT GRIP** to promote good adhesion.

MIXING

Mix 25 kg bag of **LEVEL UP 403** with 5.5 to 6.0 liters of clean water. Pour the water into a clean mixing vessel. Add the powder slowly to the water while mixing continuously with a heavy-duty drill fitted with a purpose-made paddle. Continue mixing for at least 3 minutes until a smooth creamy consistency is obtained. Do not mix more **LEVEL UP 403** that can be laid in about 15 minutes but ensure that the next mix is ready so that pouring can be continued until the whole area to be applied is complete.

No additional water above the normal 5.5 to 6.0 liters should be used. Ensure that sufficient labor is available to enable continuous mixing and pouring.

APPLICATION

Pour the mixed material into the dry primed surface immediately, spread it out with a trowel, and then allow it to flow smoothly.

Roll the surface with a spiked roller to aid air release and leveling. Do not over roll. The required thickness must be achieved in one application.

CAUTION

1. **DO NOT** attempt to float the setting surface.
2. If a mix stiffens before it has been spread, it must be discarded. **DO NOT** attempt to remix with water.

TECHNICAL PROPERTIES

Appearance	: Grey powder
Mixing ratio	: 5.5 to 6.0 liters of water for 25 kg bag
Flow time	: 8 – 10 minutes
Walkable after	: 6 hours
Compressive strength	: 1 day, 2,000 psi 7 days, 3,000 psi 28 days, 4,000 psi

Note: Cure time will be shorter at higher temperatures, and longer at lower temperatures.

PACKAGING

LEVEL UP 403 is available in 25 kg bags.

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COVERAGE

One bag (25kg) will cover approximately:

- 4.9 m² at 3mm thickness

- 2.94 m² at 5mm thickness

Note: *The coverage rates provided above are for guidance purposes only. Actual usage may vary depending on the specific substrate conditions and application methods.*

STORAGE AND HANDLING

LEVEL UP 403 has a shelf life of 12 months if maintained in dry storage conditions in unopened bags.

PRECAUTIONS

HEALTH AND SAFETY

LEVEL UP 403 is alkaline and should not come in contact with skin and eyes. Any eye contamination should be washed with plenty of water.

Refer to the latest Safety Data Sheet (SDS) for comprehensive safety information on the proper handling of this product.

WARRANTY AND DISCLAIMERS

The information provided in this technical data sheet is based on our best knowledge and testing methods. Any product use outside of specifications or improper storage or installation voids any warranty. Users are encouraged to conduct their own testing to assess product suitability. Always consult the product's safety data sheet (SDS) for safety guidelines and follow recommended precautions. We reserve the right to update this data sheet without notice, and users should ensure they have the latest information.