

TECHNICAL DATA SHEET

LEVEL-UP!

Self-leveling, self-smoothing compound

PRODUCT DESCRIPTION

LEVEL UP! is a ready-to-mix self-leveling mortar. It is used for leveling out rough and uneven floor surfaces prior to the application of floor finishes e.g. tiles, carpet, linoleum, rubber and other sheet flooring.

LEVEL UP! contains a combination of especially selected cements, graded aggregates, synthetic polymers and a unique set control system. It requires only the addition of measured quantity of water to produce a smooth free-flowing and self-leveling material which can be applied 1 – 10mm in one application.

CUSTOMER BENEFITS

- Ready to use – one pack product, simply mixed with water on site
- Very good workability and flowability
- Very good mechanical and bonding strength
- Can be used directly onto concrete floors to provide 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.

PROPERTIES

Appearance	: grey powder
Powder density	: 1.38 kg/liter
Mixing ratio	: 6.0 to 6.5 liters of water for every 25 kg bag
Consumption	: 1.6 kg/m ² per 1mm thickness
Pot-life	: 15 – 20 minutes
Walkable after	: 3 – 4 hours
Compressive strength:	
@1 day	1,400 psi
@7 days	2,800 psi
@28 days	3,600 psi

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

INSTRUCTIONS 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 14 days before application of **LEVEL UP!**

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

Priming

All surfaces should be sealed prior to application of **LEVEL UP!**

Prime the surface with **CEMENT GRIP**. The primer should be allowed to dry to form an impervious barrier between substrate and the **LEVEL UP!** to improve bond and prevent release of air from the substrate.

Re-prime the surface and allow to dry.

Mixing

Mix 25 kg bag of **LEVEL UP!** with 6.0 to 6.5 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 purpose made paddle. Continue mixing for at least 3 minutes until a smooth creamy consistency is obtained.

Do not mix more **LEVEL UP!** 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 6.0 to 6.5 liters should be used.

Ensure that sufficient labor is available to enable continuous mixing and pouring.

TECHNICAL DATA SHEET

LEVEL-UP!

Self-leveling, self-smoothing compound

Application

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

Roll surface with 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.

PACKAGING

LEVEL UP! : 25 kg PE bag

COVERAGE

LEVEL UP! Approximately 1.6 kg/m² at 1mm thick.
One bag (25 kg) will cover approximately 7.5m² at 2mm thickness.

Note: The above coverage rates have been given for guidance only as actual usage would depend on the substrate conditions.

STORAGE

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

HEALTH AND SAFETY

LEVEL UP! is alkaline and should not come in contact with skin and eyes. Any eye contamination should be washed with plenty of water. Where appropriate, wear suitable personal protective equipment e.g. gloves, eye protection.

FIRE

LEVEL UP! is non-flammable.