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EVEL UP

Levelling and Smoothing Compound

DESCRIPTION:

LEVEL UP is an advanced cement and polymer based levelling and smoothing compound. LEVEL UP is formulated for experienced commercial contractors to smooth and level large commercial and retail areas. Once dry it is suitable for the application of vinyl, carpet and tile floor finishes.

SUBSTRATES:

New and existing concrete.
Substrates with special requirements (Contact GREENTEK Technical support. Moisture vulnerable concrete, compressed fiber cement flooring, terrazzo, quarry and ceramic tiles, concrete subfloors with electric under floor heating, existing epoxy coatings, lightweight autoclave concrete, primer treated metal, patching timber under underlay sheets

SURFACE PREPARATION

Concrete floors must be solid, clean and free of wax, grease, asphalt, latex compounds, curing and sealing compounds and any other surface contaminants. Mechanically prepare the floor using recommended preparation methods such as shot blasting, scarifying, diamond grinding, shaving or other suitable methods to provide a roughened, clean, sound, solid and open porous surface.

Acid etching is not an acceptable method of cleaning the subfloor. Do not use solvents or sweeping compounds.

Subfloors must be dry and properly primed for successful installation. Subfloor temperatures must be a minimum of 10°C. For further information, contact GREENTEK technical support.

PRIMING

Use GREENTEK SBR over standard concrete floors prior to the installation of LEVEL UP using a push broom. Do not use paint rollers, mops, or spray equipment. Do not leave any bare spots. Brush off all puddles of excess primer. Allow to dry to a thin, clear film (min. 1 hours, max. 3 hours). Very absorbent concrete may require two applications of primer to avoid pinholes and bubbling in the levelling compound. In such cases, make

the initial coat diluted with 1 part of water. Allow to dry and install a second coat GREENTEK SBR.

Use KONKRETE PRIMER WB for non-porous substrates. apply with a short-nap or sponge paint roller, leaving a thin transparent coat of primer no heavier than a coat of paint. Do not leave any bare spots. Roll off any areas of excess primer. Allow to dry (min. 8 hours, max. 24 hours).

Note: Low subfloor temperatures and/or high ambient humidity require longer drying time for AR KONKRETE PRIMER WB. Do not install levelling compounds until primers have dried thoroughly.

MIXING

LEVEL UP products react and harden very quickly when mixed with water. Thorough mixing in the shortest time is essential to ensure the powder and water are evenly dispersed throughout the mix to obtain a lump-free mortar. Always mix the powder into the water. Concrete mixers and hand mixing are not suitable methods.

The most efficient method of mixing is by using an electric drill or paddle is 2 to 3 minutes.

MANUAL INSTALLATION

Pour the mixed LEVEL UP onto the prepared subfloor. Wear SPIKY boots with rubber or nylon studs to avoid leaving unnecessary marks. Spread into place using the gauging rake with height adjustment to obtain an even thickness.

THICKNESS

LEVEL UP can be applied from 1.5mm to 5mm thickness in one application.

COVERAGE

Approximately 1.25kg powder/mm/m²

A 20kg bag will cover approximately 4m² at 4mm thickness.

DRYING-HARDENING

Drying time is dependent on jobsite temperature, humidity, installation thickness & floor covering type. (Based on 23°C and 50% RH.)

GREENTEK LEVEL UP when applied in a 3mm layer will harden after approximately 6 hours at 23°C and can be walked on after this time.

Suitable for tiles once walkable. (generally, 8+ hours) Ready

for vinyl in 24 hours.

TECHNICAL DATA

Powder bulk density	1.3kg/L
Mixed mortar density	2.0kg/L
Initial set	approx. 45 min
Final set	approx. 90 min

Compressive Strength

After 1 day	approx. 15MPa
After 3 days	approx. 20MPa
After 7 days	approx. 25MPa
After 28 days	approx. 30MPa

Tensile Bending Strength

After 1 day	approx. 5MPa
After 3 days	approx. 6MPa
After 7 days	approx. 7MPa
After 28 days	approx. 10MPa

SHELF LIFE

LEVEL UP has a shelf life of 12 months when stored in the original unopened packaging, in a dry place at 23°C and 50% relative humidity.

PLEASE PAY ATTENTION TO THE FOLLOWING

This product is not designed as a decorative finish and may have some color variations that will in no way adversely affect the performance of the product.