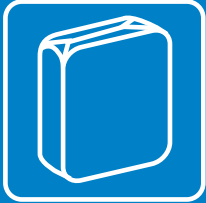


SELF LEVELLING FLOORING COMPOUND

PACKAGING



MIXING



APPLICATION



USES



SUBSTRATES

**CONCRETE FLOORS,
TERRAZZO
AND CERAMIC TILES**

DESCRIPTION

A resin modified, fast setting cement based compound for use as an underlay and repair screed. Its smooth texture and high fluidity allow ease of placement, trowelling, feather edging and finish.

USES

Use as an internal underlay prior to fixing timber (parquetry and direct stick timber floor etc) and tiles (ceramic and stone). The balance of its strength, smoothness, levelling and sanding properties make it ideal for fixing thick and thin bed adhesives. Apply to concrete and terrazzo, ceramic tiles from feather edge to 50mm.

FEATURES

- Feather edge to 50mm thick
- 40Mpa strength
- Water resistant – rapid set

COVERAGE

Approximately 1.5 kg / m² per 1 mm thickness.

PERFORMANCE DATA

	1 Day	7 Days	28 Days
Compression Strength	20.0Mpa	26.0Mpa	41.5Mpa
Adhesion to Substrate	2.0 Mpa		

SURFACE PREPARATION

Surfaces must be firm and structurally sound, free from dirt, wax, oil, grease, paint, ponded water, laitance and all contaminants. Contaminated/Ultra smooth surfaces need to be mechanically abraded or dustless shot blasted to roughen and abrade the surface. When in doubt about the surface preparation or priming, a 1m² test area is recommended. A thorough repeated sweeping with a hard broom, followed by mopping with clean water to remove all contaminants is essential.

PRIMING:

Helicopter or steel trowelled finish concrete: Prime with SUPER PRIME applied with a hard broom or brush to penetrate into the substrate.

Terrazzo, ceramic tile or non porous surfaces: Prime with PRIMAX applied with a hard broom or brush, working well into the surface.

Damp concrete/difficult to adhere to substrates: Apply EPECRETE with a brush to damproof the floor and improve adhesion.

MIXING

Place 4.2 litres of drinkable water in a mixing container and gradually add the 20 kg of level floor using a slow speed drill. **DO NOT hand mix or add in excess of 4.2 litres of water as this causes lumps, cracking, reduced strength and the cause of level floor to separate leaving a yellow layer on the surface indicating over watering.** Mix for 1-2 minutes and place the product immediately – the levelling properties reduce in effectiveness after 10 minutes making levelling and finishing more difficult. Use the mixture within 15 minutes. Discard unused material after this time.

LEVEL FLOOR STANDARD can be applied feather edged to 20mm. Over 20mm to 50mm add up to 30% dried washed sharp coarse sand or fine aggregate, depending on the thickness required.

APPLICATION

Pour the mixed levelling compound onto the prepared floor and spread with a levelling compound spreader or large metal trowel, keeping the trowel slightly inclined to obtain the desired thickness.

Spread the material to the desired thickness in one application. Use sufficient material to cover high points with 2-3mm thickness. The levelling compound smoothes itself during the first 10 minutes. Apply when the temperature is 5-30°C, do not apply in direct sunlight as this can cause the surface to crack.

If required, an additional layer or finish coat over an aggregate mix can be applied after the surface is primed with bonding slurry but the layer should not exceed 50% of the previous layer.

The levelling compound can be walked on in 2-4 hours and put into use the next day, 12 hours @ 20°C @ 50% RH.

SURFACE MOISTURE

When adhering floor coverings, check surface moisture with a moisture meter if in doubt about moisture content.

CURING

Normal curing is not necessary but when applying thin coats (under 3mm) in direct sunlight, in warm temperatures and low humidity, keep the surface moist or covered with plastic for 24 hours after the surface can be walked on.

SAFETY PRECAUTIONS

Non-toxic but contains cement which contains silica. Wear gloves and appropriate respirator. For further information refer to Material Safety Data Sheet.



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