



Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds

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Ultra Level IT Polymer Screed

- ▲ **High Strength and Durability**
- ▲ **Easy to Mix, Easy to Apply**
- ▲ **Rapid Setting, Minimum Down Time**
- ▲ **Withstands Heavy Fork Lift Traffic**



ULTRA LEVEL IT POLYMER SCREED has exceptional abrasion resistance. It produces a smooth durable floor of industrial quality with an application thickness range of 5-15mm that can be pumped or poured.

ULTRA LEVEL IT POLYMER SCREED is a tough, durable, self-smoothing industrial floor topping specially designed for warehouses and all industrial floors.

ULTRA LEVEL IT POLYMER SCREED hardens to an extremely tough, smooth cementitious wearing surface capable of withstanding heavy fork lift traffic.

ULTRA LEVEL IT POLYMER SCREED has rapid strength development that enables an early return to use of foot traffic in 4 hours and heavy traffic within 36 hours.



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Ultra level IT Polymer Screed

DESCRIPTION

ULTRA LEVEL IT POLYMER SCREED is a cementitious self smoothing floor topping designed for warehouses and industrial floors when strength and durability are high priority. It can be pumped up to 2000m² per day with an application range of 5mm-15mm providing a quality solution that is quick and cost effective to apply.

USES: Industrial floor topping screed with exceptional abrasion resistance. For refurbishment and upgrading of existing concrete slabs where a smooth, flat surface is required. It is suitable for warehouses, factory floors, garage floors, anywhere that requires a smooth, flat surface.

PREPARATION: Surfaces must be free from grease, oil and other forms of contamination. Concrete must be firm and hard and free of old coatings, concrete laitance and any contaminants which may impair adhesion. The use of a Floor Planner, Surface Scaler or Vonnarx machine is recommended.

MIXING: Pour 4.5 litres of clean water into a clean suitable container. Slowly add, whilst mixing, the 25 kg bag of **ULTRA LEVEL IT POLYMER SCREED**. Mix with a slow speed drill and paddle until a smooth consistent mix is achieved. For pump application contact EPOXY PRODUCTS LIMITED for advice.

APPLICATION: All surfaces must be primed with **ULTRA LEVEL IT POLYMER PRIMER** preferably the night before. On porous surfaces 2 coats of primer are required. Apply the mixed material to the prepared surface immediately using a steel trowel and de-aerate with a spiked roller.

HEALTH AND SAFETY: This product contains cement which may cause skin irritation.

PRODUCT DATA

Coverage

1.8 kg per square metre per mm thick.

POT LIFE

When fully mixed, approximately 25 minutes @ 20⁰ C.

CURING TIME

Initial cure after 4 hours @ 20⁰ C. **DO NOT USE at temperatures below 6⁰ C**
Full cure in 7 days.

ABRASION RESISTANCE

0.06mm. Satisfies BS8204 ARI "Very High Abrasion".

STRENGTH

	<u>AFTER 4 HOURS</u>	<u>24 HOURS</u>	<u>28 DAYS</u>
Compressive Strength	> 3 N/mm ²	18.46 N/mm ²	35.0 N/mm ²
Flexural Strength	-	3.39 N/mm ²	8.42 N/mm ²
Tensile Strength	-	-	4.3 N/mm ²
Bond Strength	-	-	2.4 N/mm ²

IMPACT RESISTANCE

BS8024: Part 1: 1987. 0.6mm Category A

TOOL CLEANING

Clean all tools with Water

Whilst Epoxy Products Limited endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it can not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification or information given.



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SPECIALIST PRODUCTS

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ULTRA LEVEL IT PRIMER

- ▲ **Single Pack—Easy to Use**
- ▲ **Acrylic Polymer Emulsion**
- ▲ **Excellent Adhesive Strength**
- ▲ **Odourless—Solvent Free**



ULTRA LEVEL PRIMER is the approved primer for ULTRA LEVEL IT HD TOP POLYMER SCREED. Used for the improving and bonding of floor toppings, renderings and mortars to concrete and brick bases.

ULTRA LEVEL PRIMER is a concentrated and stable acrylic polymer emulsion, which is diluted with clean water on site before application. It is specifically developed for pre-treatment (priming) of concrete, brick and timber surfaces.

ULTRA LEVEL PRIMER is simple to use. It seals, reducing permeability of the base substrate making the surface ideally suitable for the permanent bonding of most cementitious floor toppings and renders.

ULTRA LEVEL PRIMER is a single pack, odourless product, that can be handled safely and easily diluted with cold clean water prior to application.



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ULTRA LEVEL PRIMER

DESCRIPTION

ULTRA LEVEL PRIMER is the approved primer system prior to laying ULTRA LEVEL IT HD TOP POLYMER SCREED . It is an excellent primer for permanently bonding most other cementitious floor toppings and renders to concrete, brick and timber substrates. It is a good quality acrylic polymer emulsion solution that is quick and cost effective to apply.

USES: As a concentrate, stable acrylic based polymer emulsion, which is diluted with cold clean water on site before application. Industrial floor topping screed primer with good wetting properties.

PREPARATION: Surfaces must be free from grease, oil and other forms of contamination. Concrete must be firm and hard and free of old coatings, concrete laitance and any contaminants which may impair adhesion. The use of a Floor Planner, Surface Scaler or Vonnarx machine is recommended.

MIXING: Must only be diluted with cold clean water. Normal applications will require a dilution of 1 part ULTRA LEVEL PRIMER to 3 parts water. Two coats should be applied, one per day. Highly porous surfaces will require two applications. For the first application dilute the ULTRA LEVEL PRIMER with 5 parts water, allow this application to dry out before applying a second coat of a 1—3 part dilution.

APPLICATION: Using a soft broom or deep piled roller. Apply generously to the prepared surface. Do not allow the CEMRIME AR to puddle or to dry out prior to applying the ULTRA LEVEL IT HD TOP POLYMER SCREED or any other cementitious topping.

HEALTH AND SAFETY: Protective clothing should be worn . If eye contact is made then rinse immediately with clean water and seek medical advice. Read separate Health and Safety Data Sheet prior to handling this product.

PRODUCT DATA

APPEARANCE

Low viscosity, milky white liquid

COVERAGE

Approximately 30 Square Metres per 5 Litres (for 2 coats).

DRYING TIME

Touch dry within 2 hours. **DO NOT USE at temperatures below 5° C**

Ph

Alkaline solution with a Ph of 9

SPECIFIC GRAVITY

1.100

SOLIDS CONTENT

50% Solids (Min)

TOOL CLEANING

Clean all tools with Water

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