

Self-Levelling Epoxy Flooring



Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds

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- ▲ **Quick, Easy to apply, Self Levelling**
- ▲ **Non-Porous, High Durability**
- ▲ **Hygienic Finish, Virtually Odourless**
- ▲ **Excellent Chemical Resistance**



SELF-LEVELLING EPOXY FLOORING is an extremely durable, seamless, non-porous, self-levelling epoxy flooring.

SELF-LEVELLING EPOXY FLOORING is a two part epoxy resin formulated to provide a dust free, seamless and easy to clean surface combined with high chemical spillage resistance. This flooring system offers all the qualities required that demand high performance and high levels of hygiene.

SELF-LEVELLING EPOXY FLOORING. Its rapid strength development enables floor areas to be returned to use in a very short period of time.

SELF-LEVELLING EPOXY FLOORING is available in a wide range of colours and has excellent adhesion to building substrates and possesses superb chemical resistance.

It is available in 5 litres and 9 litre packs.

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DESCRIPTION

EPOXY PRODUCTS SELF LEVELLING FLOORING has been formulated to provide a seamless flooring for concrete floors that demand high levels of decorative appearance and performance. It is a non-porous, easy to clean smooth finish and offers some slip resistance. The rapid strength development after laying enables an early return to use of heavy traffic within 48 hours. Slip resistant particles are included to add an element of 'safety' to the finished surface

USES Floor topping for showrooms, dairies, bakeries, breweries, food production facilities,, kitchens, sports changing rooms etc. and any other areas demanding high performance.

PREPARATION Surfaces must be dry and free from grease, oil and other forms of contamination. Remove any loose materials and sweep clean. Cleaning is imperative and the best results can be achieved by use of **CONCRETE CLEANER**.

PRIMING All prepared areas must be primed the previous day with a coat of **EPOXY SEALER**.

MIXING Empty the entire contents of Pack "B" into Pack "A" and mix thoroughly mixed together using an electric drill and a mixing paddle. Mix until a uniform colour is achieved. Pour and spread immediately after mixing and all within 30 minutes.

APPLICATION Pour the mixed material onto the primed surface immediately and using a steel trowel. Spread the material into corners and trowel to the desired thickness. The minimum depth being 1mm. Work across the room in narrow strips. Finally allow the material to flow out for a short period and then wearing "spike shoes" walk across the wet floor a pass over it with a spiked roller. Scatter the slip resting particles lightly and evenly across the surface whilst still tacky.

HEALTH AND SAFETY As some people find Epoxy based products irritant to the skin, all users are recommended to use barrier cream and thoroughly wash with soap and water after use. Avoid skin and eye contact. If eye contact is made then rinse with clean water and seek immediate medical advice.

PRODUCT DATA

COVERAGE

9 Litres will cover 4.5m² at 2mm depth on a smooth surface.

POT LIFE

When fully mixed, approximately 25-30 minutes @ 20⁰ C. Extended pot life at lower temperatures, reduced at high temperatures.

CURING TIME

Initial cure after 24 hours @ 20⁰ C. **DO NOT USE** at temperatures below freezing. Suitable for heavy trafficking in 2 days.

CHEMICAL RESISTANCE

Resistant to spillages of many chemicals commonly met within industry. Contact Technical Services for more advice.

| <u>STRENGTH</u> | <u>AFTER 24 HOURS</u> | <u>3 DAYS</u> | <u>7 DAYS</u> |
|--|-------------------------|-------------------------|-------------------------|
| Tensile Strength | 10.00 MN/m ² | 20.00 MN/m ² | 25.00 MN/m ² |
| Compressive Strength | 25.86 MN/m ² | 60.20 MN/m ² | 95.00 MN/m ² |
| Flexural Strength | - | 20.96 MN/m ² | 24.40 MN/m ² |
| Hardness :Taber Abrasion (wt loss/H22 Wheel / 1kg / 100revs) | | | 85 |

SLIP RESISTANCE

The applied and fully cured surface offers good slip resistant properties when dry.

FLOOR CLEANING

For general floor cleaning use MAXICLEANSE cleanser. See separate Technical Data sheet..

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