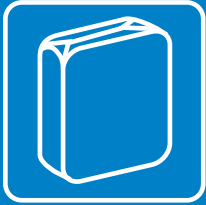


# Dribond Level Floor

## SELF LEVELLING FLOORING COMPOUND

### PACKAGING



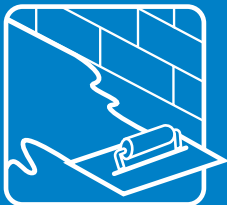
### MIXING



### APPLICATION



### USES



### SUBSTRATES

CONCRETE FLOORS

### DESCRIPTION

Level Floor is a cement based floor levelling and patching compound. Level Floor is a self levelling, fast setting cement based resin modified patching compound. Its smooth texture and high fluidity allow ease of trowelling, feather edging and finishing. Level Floor bonds securely to concrete and masonry and has high strength.

### USES

Use for patching holes and depressions in floors, anchoring floor bolts and levelling uneven concrete surfaces e.g. factory floors, garages, driveways. **Available in two grades – TUFF, 100 MPa strength for floors subject to heavy wear and requiring mild chemical resistance; STANDARD, 50 MPa strength can be sanded smooth after application, for underlay applications only.**

### FEATURES

- Strong, durable, crack resistant.
- Self levelling.
- Rapid set allows use after 2 hours.
- Water resistant.
- Can be feather edged and has a smooth finish.

### COVERAGE (Approximate)

Approximately 1.5 kg of Level Floor covers 1m<sup>2</sup> at 1 mm thickness.

### PERFORMANCE DATA

TUFF	1 Day	7 Days	28 Days
Compression Strength (BS.4551) MPa	56.1	84.4	100
Tensile Strength (BS4551) MPa	0.7	1.1	1.3
Hardness	54 (Shore D)	65 (Shore D)	68 (Brinnell)
Adhesion to Substrate	1.0 Mpa		

**Chemical Resistance**  
Resistant to petroleum solvents (i.e. petrol - diesel) strong Alkali and weak acids i.e. (to pH4).

STANDARD	1 Day	7 Days	28 Days
Compression Strength (BS.4551) MPa	28.4	42.5	50
Tensile Strength (BS4551) MPa	0.6	0.7	0.7
Hardness (Shore D)	53	56	69.2
Adhesion to Substrate	0.9 Mpa		

### SPECIFICATION

The levelling compound shall be a self levelling, fast curing levelling compound with a minimum compression strength of 100Mpa such as Level Floor Tuff or 50MPa such as Level Floor Standard manufactured by Construction Chemicals and shall be applied in accordance with the manufacturer application instructions.

## SURFACE PREPARATION

Surfaces must be firm, free from dirt, wax, oil, grease, paint, excessive water and other contaminants. Smooth and contaminated surfaces must be mechanically roughened, washed thoroughly and allowed to dry.

Prime porous surfaces with a 1:1 Bonding Additive: water solution or dampen surfaces thoroughly with water – several applications may be necessary to ensure complete saturation.

A thorough repeated sweeping with a hard broom to remove dust and dirt before applying primer or Level Floor is essential. When in doubt about the substrate preparation, a test patch is recommended.

## MIXING

Place 4 litres of water in a mixing container and gradually add by sprinkling the 20 kg of Level Floor while stirring continuously. Mix until all lumps have dissolved and a creamy consistency is obtained. Mixing with a slow speed drill (400-1,000 rpm) will achieve a smoother mix than hand mixing. Use the mixture within 30 minutes. Do not add water to retemper mix. Discard unused mix after 30 minutes.

5-8 mm layers, add 1 part of coarse sharp sand to 2 parts of Level Floor, 8 mm and over layers, add 1 part coarse sharp sand or granite chips to 1 part Level Floor. When bonding to non porous surfaces, thin layers (i.e. less than 2 mm thick) and in hot dry conditions, reduce the mixing water by 1 litre and replace it with 1 litre of Bonding Additive prior to mixing in Level Floor. **Do not add more than the recommended amount of water as this will severely affect the products performance.**

## APPLICATION

Pour the mixed Level Floor on to the prepared floor and with a steel trowel at a sharp angle force the mixture into the original concrete, then holding the trowel normally, flat spread the material to the desired finish in one application.

Apply when the temperature range is 5-30°C and do not apply in direct sunlight.

If required, additional layers can be applied after the surface is primed with a 1:1 Bonding Additive: water solution and the additional layer should not be greater than 50% of the thickness of the previous layer.

## CURING

Normally wet curing is not necessary, but when applying coats under 3 mm thick and when the surface is exposed to direct sunlight, warm atmosphere or low humidity conditions the surface must be kept moist or covered with an impermeable membrane for up to 24 hours as soon as the surface can be walked on.

## SHELF LIFE

1 year

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CHEMICALS**

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