

LEVEL FLOOR

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Cement based, pumpable, self levelling, self finishing, floor topping compound. Casein free. Recommended thickness 4-30 mm per application.

Product Description

Level Floor is a dry mortar which, by just adding water, gives a quick hardening self levelling, pumpable floor screed for concrete surfaces which normally will be covered by carpets or vinyl. Recommended thickness 4-30mm.

Application Areas

Level Floor is primarily designed for levelling concrete surfaces which will receive a floor covering in homes, offices, hospitals, schools, day nurseries etc. Contact Danlaid Contracting P/L if laying on other surfaces.

Instructions

Newly laid floors should not be exposed to wind or draughts. Drying equipment should not be used during the first 24 hours. The floor should not be colder than +10°C during laying and curing.

Laying Level Floor

All deleterious materials should be removed from the surface to be treated by grinding or vacuum enclosed shotblast. Ensure that the floor is at the right temperature of + 10°C to +30°C before laying the screed. The relative humidity (RH) in the floor is measured before laying Level Floor so that the RH is < 95% at +20°. Concrete surfaces which are judged to be insufficiently secure should be removed.

Remove all waste from the floor and then vacuum. Holes and large depressions in the floor should be repaired. Metal cast work in the cement should be treated against rust. The concrete surface is treated with primer with 3 parts water, the day before laying. The primer is sprayed or brushed on to the surface ensuring the whole area is covered. Dry or very absorbent surfaces may need two coats. The primer should have formed a film and have dried before laying takes place.

Level Floor is mixed with 3.8 - 4.2 litres of water per 20kg of powder. Level Floor is mixed using an efficient automatic mixing pump or quick mixer. The best temperature for the compound is +10°C to +25°C. The Level Floor is spread over the floor either directly from the hose or by hand.

The smoothed surface can be covered after 2-5 days depending on the drying conditions and thickness or when the RH is under the permitted value for the covering.

NB. The surface should be protected against direct sunlight, high room temperature and other factors which can accelerate drying.

Smoothed surfaces are generally not meant to be painted. Contact us for advice if uncertain about use.

Amount Applied

1.6kg to cover an area of 1 sq.m. with a layer of 1mm thick.



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Packaging, Distribution & Storage

Level Floor is packed in 20 kg bags paper sacks.

If Level Floor is stored dry it will keep about 12 months in an unopened pack.

Guarantee

Products manufactured by Danlaid Contracting P/L contain the best raw materials available, are manufactured to exacting standards under strict control procedures and are guaranteed against defective materials and manufacture.

*Depending on when the relative humidity is under the value for the covering . Drying time is dependant on ambient temperature, the screed's thickness, the surface's moisture content and temperature.

for further information please contact:

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TECHNICAL INFORMATION

| | |
|--------------------------------|-------------------------|
| Binder | Special Cement |
| Aggregate | Natural sand, max 0.6mm |
| Compressive Strength | 20-30mpa |
| Tensile Strength | > 7mpa |
| Adhesion (28d) | > 1mpa |
| Water requirement (20kg) | 3.8 - 4.2 litres |
| Flow Ø 50 h 45 | 220-230mm |
| Can be walked on after (+20°C) | 2-4 hours |
| May be covered after | 2-5 days |
| Recommended thickness | 4-30mm |
| Installation temperature | 10°C > 30°C |
| Shrinkage | Approx. 0.03% |
| Casein | No |
| | |



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