

EXCEL FLOOR

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Quick drying, cement based, self levelling hand screed for floors. Pumpable and recommended for thicknesses ranging from 0-25mm per application.

Product Description

Excel Floor is a hand screed which gives a ready to use compound simply by mixing with water. I.e. 4.8-5.0 litres per 20kg bag-DO NOT EXCEED THIS AMOUNT.

Application Areas

Excel Floor is a single component, quick hardening, cement based screed for hand filing but that also has excellent pumping properties as it is self levelling. Excel Floor may be applied in thickness up to 25mm per coat. Excel Floor is designed as a surface for carpets, pvc linoleum, parquet, epoxy paint, stone tiles and the like. Excel Floor is used for smoothing floors in homes, offices, hospitals, schools and light industry where there is demand for durability and resistance to wear or with requirement for a coloured substrate surface. A certain amount of painting is possible. Contact us for advice.

Instructions

The surface should be cleaned of waste, dirt, dust, oil, fat, wax etc. Any laitance should be removed. Strongly absorbent surfaces, fibre board and particle board are primed with Floor Prime diluted 1:3 (i.e. 1 part Floor Prime and 3 parts water): see the Floor Prime product sheet. For high stress application and if better thixotropy, durability and wear or greater elasticity are required mix 0.5 litre Superflex concentrate with 20 kg powder. The amount of water is reduced in proportion. Refer to Superflex product sheet.

Mixing

Excel Floor is engineered to be mixed by mechanical means; 4.8-5.0 litres of cold water to 20 kg of powder. The continuous pump method for larger areas or with a suitable

mixing paddle attached to a heavy electric drill. Mixing time required is between 1 and 2 minutes until a lump free consistency has been achieved. The compound should be used within 20 minutes at + 18°C. Higher temperatures reduce and lesser temperatures increase the time.

The substrate must be at least 5°C. The compound is poured over the floor surface and spread out with a serrate dor smooth trowel after which it runs together to a smooth, even surface. The product is also suitable for application with a pump.

The surface may be walked on after 1-4 hours if the temperature during drying is at least +18°C. The drying time is determined by the ambient temperature, the screed's thickness and moisture in the surface. Covering should normally be possible after 24 hours in thicknesses up to 10mm 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.

Amount Applied

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

Packaging, Distribution & Storage

Excel Floor is packed in 20 kg bags paper sacks.

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



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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.

TECHNICAL INFORMATION

| | |
|--------------------------------|---|
| Binder | Special Cement |
| Aggregate | Natural sand & engineered fillers, max 0.50mm |
| Compressive Strength (28d) | > 35 mpa |
| Adhesion (28d) | > 1.5mpa |
| Water requirement (20kg) | 4.8 - 5.0 litres |
| Usable time | Approx. 30 minutes |
| Can be walked on after (+20°C) | 3- 4 hours |
| May be covered after | Approx. 24 hours. Max 10 mm |
| Recommended thickness | Approx. 25mm per layer |
| Installation temperature | 5°C > 30°C |
| Colour | Grey |
| | |

*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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