

DEEP FILL FLOOR LEVELLING COMPOUND

Thompson's Deep Fill Floor Levelling Compound is designed to level floors from 5mm to 50mm in 90 minutes. It produces a stronger and less friable surface than traditional sand/cement screeds, making it more economical for use.



THOMPSON'S DEEP FILL FLOOR LEVELLING COMPOUND:

- Application thickness from 5mm to 50mm
- Fast setting formula
- Walk on after 90 minutes
- Excellent self levelling & flow properties
- Conforms to EN 13813:2002

TECHNICAL DATA

Standard Conformity	Conforms to BS EN 13813 CT-C30-F7
Working Time	Approx 20–30 minutes at 20°C
Walk on Time	Approx 90 minutes at 20°C
Ready for ceramic and textile floor coverings	From 6 hours
Compressive Strength N/mm ² (EN13892-2)	1 Day >15.0 7 Days >25.0 28 Days >30.0
Flexural Strength N/mm ² (EN13892-2)	1 Day >2.0 7 Days >5.0 28 Days >7.0
Application Thickness	5–50mm

WORKING TIME

Approximately 20–30 minutes at 20°C depending on subfloor absorbency, ambient temperature and humidity.

SETTING TIME

Thompson's Deep Fill Floor Levelling Compound can be walked on from 90 minutes, depending upon applied thickness.

DRYING TIME

Ceramic and textile floor coverings can be installed after a minimum 6 hours at 20°C irrespective of applied thickness. Resilient floor coverings can be installed after 24 hours when applied thickness is under 10mm. Above 10 mm and up to 50 mm allow 7-14 days unless capped.

When installing resilient floor coverings over applied thickness above 10 mm, it is recommend to cap with minimum 3mm Latex Levelling Compound after 24 hours. The floor covering can then installed after a further 48 hours.

COVERAGE

Application coverage rates for a 20kg unit as follows:

THICKNESS	WATER MIX	COVERAGE
5mm	3.4 litres	2.20m ²
10mm	3.4 litres	1.10m ²
15mm	3.4 litres	0.73m ²
20mm	3.2 litres	0.54m ²
50mm	3.2 litres	0.21m ²

Note: Coverage rates for 5–15mm are based on 3.4 litre water addition and for 16–50mm are based on 3.2 litre water addition. These figures will vary accordingly to the condition of the subfloor.

SURFACE PREPARATION

Floor surfaces must be suitably prepared: sound, dry – less than 75% Relative Humidity (less than 65% Relative Humidity for wood floor installations) and free from contaminants that may prevent adhesion. Concrete and sand/cement screeds must be fully cured and any laitance or surface treatments must be removed. The temperature of the floor must be maintained above 5°C throughout the application and drying of the levelling compound. Underfloor heating must be switched off for at least 48 hours before, during and after application. Subfloors must incorporate an effective damp proof membrane and conform to the requirements of relevant BS standards for flooring installation.

PRIMING: Floors should be primed to ensure good adhesion between the levelling compound and the substrate providing a higher quality finish. Priming also helps to prevent pinholing and rapid drying of the levelling compound. Primers must be allowed to dry completely before applying the levelling compound. Care should be taken not to contaminate the primed subfloor.

MIXING: Gradually add 1 unit of Deep Fill Floor Levelling Compound to 3.4 litres of clean water in a clean mixing bucket. When applying at thicknesses between 16–50mm reduce the water to 3.2 litres.

Mix with a power whisk fitted to an electric drill until a smooth creamy lump free consistency is achieved. The material should be mixed for a minimum of 2 minutes. Do not add further water. Do not mix more material than can be applied in 20 minutes.

APPLICATION

Pour the mixed material onto the prepared subfloor and allow to flow and attain a smooth finish. Minimal work with a smoothing trowel is required. The mixed material should be applied at a thickness between 5–50mm in one application.

PACKAGING

Size: 20kg

HEALTH AND SAFETY

Store in unopened bags, clear of the ground in cool, dry conditions. Protect from frost and excessive draught and use within 6 months of the date stamped on the bag.

Please refer to Health and Safety data sheets available on request.

TECHNICAL SERVICE

For further technical information, advice on suitability for specific applications, or detailed Health and Safety information, contact Thompson's Technical Service.

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