

ULTRA FLOOR Level it super 30

Technical Data Sheet

Super Rapid Set Levelling Compound

Features

- ◆ Polymer Modified
- ◆ 30 Minute Set Time
- ◆ 2-15mm
- ◆ Non Shrink
- ◆ Protein Free
- ◆ Under Floor Heating

Two part bag & bottle system. Rapid setting levelling compound for floors with irregular substrates. For use prior to laying tiles or decorative surface flooring. Suitable for most common substrates and floors with under floor heating.

				
2-15mm Bed Thickness	Open Time 5-10 Mins	Set Time 30 Mins	Internal Floors	Lifetime Guarantee



Super Rapid Set Levelling Compound

INFORMATION

Ultra Floor Level IT super30 is a blend of specially graded fillers, fine cements and polymers specially developed as an ultra rapid setting premium smoothing and levelling compound for internal floors with irregular surfaces, prior to the application of tiles or decorative surface flooring. Ultra Floor Level IT super30 has a set time of approximately 30 minutes and can be laid from 2 to 15mm. The levelling compound is suitable for use on all common building substrates including concrete, sand/cement screeds; floor graded asphalt and correctly prepared tiles. It is ideal for use on floors with under floor heating.

SURFACE PREPARATION

The surface being adhered to must be clean, firm, dry, free of dust, dirt, oil and grease or any other contaminating barriers. Remove any flaking or peeling layers. The substrate must be strong enough to support the weight of the adhesive and covering being fixed. To ensure consistent drying rates and reduce water penetration, porous surfaces should be primed using Ultra Floor Prime IT AR. This will help to prevent water penetration, increase bond strength and reduce the possibility of adhesive failure.

TOOLS

- Suitable steel trowel
- Spiked roller
- Electric drill and paddle

PRIMING

Porous surfaces should be primed using Ultra Floor Prime IT AR. This will help to prevent water penetration, increase bond strength and reduce the possibility of failure. Ultra Floor Prime IT AR should be diluted 1 part primer to 3 parts water and applied with a roller, brush or spray. Allow the liquid to become translucent and nearly dry before applying Ultra Floor Level IT super30. Very porous substrates may require an initial coat diluted 5 parts water to 1 part primer before applying the above. Ultra Floor Prime IT N is suitable for non-porous surfaces and should be used undiluted.

MIXING

Ultra Floor Level IT super30 powder should be added to 5 litres of Ultra Floor Level IT super30 liquid and mixed for approximately 3 minutes with a slow speed drill and paddle until an homogenous mixture is obtained. Once mixed, the material is immediately ready for use and has a workability time of approximately 5-10 minutes. We would strongly recommend that you do not mix more material than can be used in this time and do not re-wet.

APPLICATION

The mixed material should be poured directly onto the prepared substrate and lightly trowelled to the required thickness with a solid bed trowel to achieve a smooth surface texture. At 3mm bed thickness, one mixed bag of Ultra Floor Level IT super30 will cover 5.2m² (1.6kg x m² x mm). We recommend a set of approximately 30 minutes at 5mm. These set times are dependent upon temperature and substrate and are based on laboratory tests conducted at 20°C.

CLEANING

Tools should be thoroughly cleaned in water to remove excess materials immediately after use.

TECHNICAL DATA

Packaging:	5ltr Bottle / 25kg Bag
Working Time:	5-10 Minutes
Time to Foot Traffic:	30 Minutes @ 20°C
Time to Cover:	3 Hours @ 5mm
Application Thickness:	2-15mm
Protein Free:	Yes
Coverage @ 3mm:	5.2m ²
Consumption/mm Thickness:	1.60kg/mm/m ²
Compressive Strength: (to BS EN 13892-2)	28 Days: 35.0 N/mm ² 7 Days: 30.04 N/mm ² 1 Day: 18.96 N/mm ²
Flexural Strength: (to BS EN 13892-2)	28 Days: 11.91 N/mm ² 7 Days: 6.75 N/mm ² 1 Day: 4.25 N/mm ²
Storage:	Bag: Store in closed original bag at temperatures between 5°C and 30°C. Avoid frost. This product must be stored in unopened bags, clear of the ground in cool dry conditions and protected from excessive drafts. If stored correctly and used within 6 months of the date shown on the bag, the activity of the reducing agent will be maintained and this product will contain, when mixed with water, no more than 0.0002% (2 ppm) soluble Chromium (VI) of the total dry weight of the cement. Note: The use of this product after the end of the declared storage period may increase the risk of an allergic reaction. Bottle: Store in closed original container at temperatures between 5°C and 30°C. Protect from frost.
Shelf Life:	6 months in above conditions

QUALITY ASSURANCE

All products are manufactured in a plant, the quality management system of which is certified/registered as being in conformity with BS EN ISO 9001, ISO 14001 and OHSAS 18001. Ultra Floor products are guaranteed against defective materials and manufacture and will be replaced or money refunded if the goods do not comply with our promotional literature. However, we cannot accept responsibility arising from the application or use of our products because we have no direct or continuous control over where and how our products are used. All Ultra Floor products are sold subject to our terms and conditions of sale, copies of which may be obtained upon request.

HEALTH & SAFETY

Please ensure that appropriate PPE is used when preparing, mixing and applying products. Always wash hands before consuming food and make sure that materials are kept safely out of reach of children and animals. Please dispose of packaging and waste appropriately. A full Material Safety Data Sheet relating to this product is available from www.instarmac.co.uk

POWDER ONLY CONTAINS PORTLAND CEMENT

- R37/R38 Irritating to respiratory system and skin
- R41 Risk of serious damage to eyes
- R43 May cause sensitisation by skin contact
- S24/25 Avoid contact with skin and eyes
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S37/S39 Wear suitable gloves and eye/face protection
- S51 Use only in well-ventilated areas
- S64 If swallowed, rinse mouth with water (only if the person is conscious).