

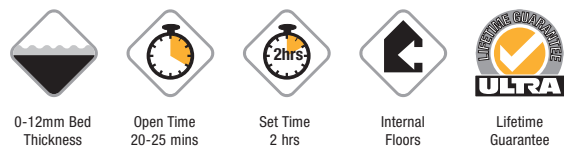


Two Part Latex Levelling Compound

Features

- | | |
|-------------------------------------|-----------------------|
| ◆ Polymer Modified | ◆ Under Floor Heating |
| ◆ 0-12mm Depth | ◆ Non Shrink |
| ◆ Rapid Set | ◆ Protein Free |
| ◆ Latex Flexible Levelling Compound | ◆ Timber Substrates |

Two part bag and bottle system, with latex for flexible floor levelling. Ideal for use on wooden floors with slight flexural movement. Suitable for most common substrates, prepared tiles, wooden floors and floors with under floor heating.



Also available in
LOW ODOUR, AMMONIA FREE

Manufactured by **Instarmac Group plc**

Tel: +44 (0) 1827 872244; Fax: +44 (0) 1827 874466; email@instarmac.co.uk; www.instarmac.co.uk

Version 05/07.WHD1872

Two Part Latex Levelling Compound

INFORMATION

Ultra Level IT two Flexible Floor Leveller is a specially developed two part latex flexible smoothing compound, ideal for use on wooden floors where the surface demands a product with a slight flexural capacity. Ultra Level IT two can be used on all common substrates, such as concrete/sand screeds, floor graded asphalt, internal steel decks and flexible substrates such as wooden floors. It is ideal for use on floors with under floor heating and correctly prepared tiles to 5mm on its own, or by using a suitable aggregate. The product has enhanced quality and can be laid to depths of 12mm with added aggregate.

Note: If aggregate is added to Ultra Level IT two this will no longer be suitable to use with wooden floors, as this will reduce the flexibility of the product.

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 the covering being fixed. If Ultra Level IT two Flexible Floor Leveller is to be applied on wood, it should only be used as a coating of up to 5mm to smooth boards before overlaying tiles. Direct to earth sub-floors must have an effective damp-proof membrane. All existing damp-proof membranes must be functioning effectively.

TOOLS

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

PRIMING

Porous surfaces should be primed using Ultracrete AR or Ultra Flexi-prime. This will help to prevent water penetration, increase bond strength and reduce the possibility of failure. Ultracrete AR or Ultra Flexi-prime 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 Level IT two leveller. Very porous substrates may require an initial coat diluted 3 parts water to 1 part primer before applying the above.

MIXING

Ultra Level IT two powder should be added slowly to the latex and mixed for 3-5 minutes using a mechanical mixer. It should not be used with any other mixture, or diluted with water. The latex should be shaken and poured into a clean container, then the powder added slowly whilst stirring continuously. If part mixing is required the ratio is 3-3.5 parts powder to 1 part latex by volume.

Note: Floor grade asphalt should not be given more than one coat, and aggregate should not be used in these applications. (i.e. not more than 5mm bed thickness).

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. Prime substrate if very porous. At 3mm bed thickness, one mixed bag of Ultra Level IT two will cover 5m². We recommend a set time of approximately 2-3 hours.

These set times are dependent upon temperature and substrate and are based on laboratory tests conducted at 20°C. Sealed coverings may be applied after 24 hours at 3mm depth up to a maximum of 3 days at the full 12mm (with aggregate).

CLEANING

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

TECHNICAL DATA

Packaging:	5 litre bottles/25kg triple walled paper bags
Working Time:	20-25 minutes
Time to Foot Traffic:	2 Hours @ 20°C
Time to Cover:	1 Day: 3mm 3 Days: 12mm
Application Thickness:	0-5mm (neat) 5-12mm (aggregate)
Protein Free:	Yes
Coverage @ 3mm:	5.0m ²
Consumption/mm	
Thickness:	1.60kg/m ²
Suitable for Pump Application:	No
Compressive Strength:	28 Days: 20.0N/mm ² 7 Days: 17.94N/mm ² 1 Day: 3.0N/mm ² (to BS EN 13892-2)
Flexural Strength:	28 Days: 5.93N/mm ² 7 Days: 4.96N/mm ² 1 Day: 1.52N/mm ² (to BS EN 13892-2)
Storage:	Bag: Store in sealed original bag at temperatures between 5°C and 25°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. Bottle: Store in closed original containers at temperatures between 5°C and 25°C. Protect from frost.
Shelf Life:	6 Months in correctly sealed bags.

QUALITY ASSURANCE

All products are manufactured in a plant whose quality management system is certified/registered as being in conformity with BS EN ISO 9001:2000, ISO 14001:2004 and OHSAS 18001.

ULTRA 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. We cannot however 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 products are sold subject to our 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

CONTAINS PORTLAND CEMENT

- P17 Contains chromium (v1). May produce allergic reaction
- R41 Risk of serious damage to eyes
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S24/25 Avoid contact with skin and eyes
- S37/39 Wear suitable gloves and eye/face protection
- S51 Use only in well-ventilated areas
- R43 May cause sensitisation by skin contact
- R37/R38 Irritating to respiratory system and skin
- S46 If swallowed, seek medical advice immediately and show this container or label
- S64 If swallowed, rinse mouth with water (only if person is conscious).