

# ULTRA

## ProSet

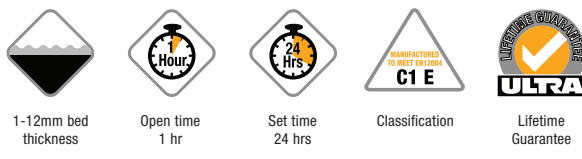
### Technical Data Sheet

## Standard Set Tile Adhesive

### Features

- ◆ Extended Working Time
- ◆ Internal & External
- ◆ Floor & Wall
- ◆ Frost Resistant

A cementitious wall and floor tile adhesive suitable for ceramic and mosaic tiles and natural stones with an extended open time of 1 hour, dependent on temperature.



20KG

Manufactured by **Instarmac Group plc**

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## Standard Set Tile Adhesive

### INFORMATION

Ultra ProSet SS is a cementitious wall and floor adhesive formulated for its extended workability, ideal for both interior and exterior applications where speed of set is not essential. Ultra ProSet SS adheres to most common substrates, i.e concrete, sand/cement render & screeds, brick and block-work. Ultra ProSet SS conforms to the requirements of EN 12004 class C1E.

### SURFACE PREPARATION

The tiling surface must be clean, dry and firm. It should be free of dust, dirt, oil and grease, or any other contaminants. Please ensure that the surface is strong enough to support the weight of the tile and adhesive. To encourage best adhesion to the substrate, it is advisable, when applying adhesive to porous surfaces, that the area be primed. Ultra Flexi-Prime is an ideal surface primer; it will help to prevent water penetration, and increase the bond strength.

### MIXING

Ultra ProSet SS should be added slowly to approximately 5 litres of water and should be mixed thoroughly to give a slump free easily worked adhesive. The mix proportions by volume are: approximately 4 parts Ultra ProSet SS to 1 part water. A 20kg bag of powder requires approximately 5.0 litres of water (White) and 4.4 litres of water (Grey). Once the adhesive is fully mixed it is immediately ready for use and has a working time of approximately 1 hour at a temperature of 20°C. We strongly advise that you do not mix more than can be used in this time. Do not rewet.

### APPLICATION

Apply the adhesive to a thickness of 3-6mm up to 1m<sup>2</sup> at a time. On internal walls use a notched trowel, leaving solid ribs, i.e. 3mm x 3mm at 6mm centres for mosaics, 5mm x 5mm at 10mm centres for wall tiles and 8mm x 8mm at 16mm centres for floor tiles. On floors and external areas, use the solid bed trowel method. Large studded tiles should be 'battered'. Bed the tiles in with a slight twisting action. Leave spaces between the tiles for grouting (approximately 1-3mm for walls and 2-20mm for floors). Clean off excess adhesive from the tile face and grout lines with a damp cloth before it sets.

### CLEANING

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

### GROUTING

Leave for approximately 24 hours before grouting and/or walking on the tiles, (longer may be required on impervious surfaces). Instarmac's technical team will be happy to suggest the best Ultra Grout for ultimate performance.

### FEATURES & BENEFITS

Ultra ProSet SS is a cementitious wall & floor tile adhesive with an extended open time of 1 hour dependent on temperature.

### TECHNICAL DATA

Packaging:	20kg – triple walled paper bags.
Standard Conformity:	EN 12004 Class C1E.
Bed Thickness & Coverage:	1-12mm. At 3mm bed thickness you will require 4.5kg of material per m <sup>2</sup> . At 6mm bed thickness you will require 9kg per m <sup>2</sup> .
Open Time:	1 hour depending on temperature and substrate.
Set Time:	24 hours dependent upon temperatures and substrate.
Storage:	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, no more than 0.0002% (2ppm) soluble Chromium (VI) of the total dry weight of the cement.
Shelf Life:	6 months in above conditions. Please note: The use of this product after the end of the declared storage period may increase the risk of an allergic reaction. High temperatures and high humidity will lead to a reduced shelf life.
Colours:	Grey & White.
Note:	All tiling should follow the correct British/European standard, and incorporate movement joints as specified therein.

### 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 9001:2000, 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](http://www.instarmac.co.uk)

#### CONTAINS PORTLAND CEMENT

• R37/38 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 • S37/39 Wear suitable gloves and eye/face protection • S46 If swallowed, seek medical advice immediately and show this container or label • S51 Use only in well-ventilated areas • S56 Dispose of this material and its container to hazardous or special waste collection point • S64 If swallowed, rinse mouth with water (only if the person is conscious).