

**ULTRA  
TILE**

**PROFLEX S2**

## Flexible Fibre Reinforced Tile Adhesive

# Features

- Ultimate S2 flexibility
- Rapid Setting
- Frost-resistant

Ultra Tile ProFlex S2 is a single part, flexible, fibre reinforced adhesive for wall and floor tiles. It is specially formulated for its enhanced adhesion and flexibility making it ideal for areas where slight movement or vibration can occur.

Suitable for:

- Porcelain & natural stone tiles
- Timber floors (chipboard overlay)
- Swimming pools
- Floors & walls
- Underfloor heating
- Internal & external use

Available in:



**WHITE**



**3-20 mm**

**BED THICKNESS**

**40 MINS**

**POT LIFE**

**3.5 HRS**

**SET TIME**

**LIFETIME GUARANTEE**

**C2 F S2**

MANUFACTURED TO MEET EN12004

**S2**

MANUFACTURED TO MEET EN12002

**ULTRA  
TILE****PROFLEX S2****20<sup>K</sup><sub>G</sub>**

## Flexible Fibre Reinforced Tile Adhesive

Ultra Tile ProFlex S2 is a single part, flexible, fibre reinforced adhesive for wall and floor tiles. It is specially formulated for its enhanced adhesion and flexibility making it ideal for areas where slight movement or vibration can occur. Its unique properties make it ideal for fixing glass, porcelain, mosaic quarry, marble, terrazzo, terracotta, brick slips and ceramic tiles to most common building substrates, including concrete/sand render, screeds, brick and block work, heated subfloors, existing tiled surfaces and screwed and fixed over boarded wooden floors.

Ultra Tile ProFlex S2 is perfect for interior, exterior, wet and dry conditions, making it ideal for communal showers and swimming pools. It will take light foot traffic within 3 hours dependent upon temperature and substrate. A polymer modified adhesive for increased bond strength and enhanced performance.

### **SURFACE PREPARATION**

The surface being adhered to must be clean, firm, dry, free of dust, dirt, oil and grease and be strong enough to support the weight of the adhesive and tiles being fixed. To encourage best adhesion to your substrate it is advisable when applying adhesive to porous surfaces that the area is primed. Ultra Floor Prime IT Multi-surface Primer is recommended as it will seal the substrate, and increase bond strength. On non-porous surfaces use Ultra Floor Prime IT Multi-surface Primer neat. Ensure that the required background's drying times, as given in the relevant part of BS5385, are allowed to elapse prior to application of adhesive and tiling. (Please refer to the Ultra Floor Prime IT Multi-surface Primer Datasheet for substrate priming requirements.)

Wooden floors: When tiling onto timber flooring ensure that the boards are dry (i.e. conditioned to the environment in which they will be used), rigidly fixed, ventilated beneath and free from barriers to adhesion. All plywood and chipboard should have backs and edges sealed to prevent ingress of moisture and atmospheric humidity, the face to be tiled should be sealed with Ultra Floor Prime IT Multi-surface Primer and left to dry prior to fixing. Boards should be 12mm-15mm thick and screwed down to the joists at 300mm centres or less. In all cases the timber surface to be tiled should be adequately stable, strong and suitably rigid enough to withstand the imposing loads without deflection.

### **MIXING**

Ultra Tile ProFlex S2 should be added slowly to clean water and mixed thoroughly to give a slump free easily worked mortar. Once mixed the mortar is immediately ready for use and has a pot life of approximately 40 minutes at 20°C. Mix only sufficient material to be used within the pot life, do not remix or re-wet. Mixing ratio: 20kg : 4.0 litres of water.

### **APPLICATION**

Apply the adhesive to a thickness of 3mm-20mm 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 'buttered'. Bed the tiles in with a slight twisting action. Leave spaces between the tiles for grouting (approximately 1mm-3mm for walls and 2mm-12mm 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 material immediately after use.

### **GROUTING**

Leave for a minimum of 3-5 hours before grouting and/or walking on the tile. This time may be extended on impervious surfaces (check set before grouting). Tile set may be affected by temperature and conditions, meaning, so too will the grouting start time. Check the set time before grouting. Please call Instarmac for the recommended Ultra Tile grout.

### **TECHNICAL DATA**

**Packaging:** 20kg bags

**Standard**

**Conformity:** EN 12004 Class C2 F S2

**Bed**

**Thickness:** 3mm-20mm

**Coverage:** 3mm bed thickness you will require 4.5kg of material per m<sup>2</sup>

**Pot Life:** 40 minutes depending upon temperature and substrate

**Set Time:** 3.5 hours dependent upon temperature and substrate

**Storage:** This product must be stored in unopened bags, clear of the ground in cool dry conditions and protected from excessive drafts.

**Shelf Life:** 12 months in above conditions.

**All tiling should follow the correct British/European standard, and incorporate movement joints as specified therein.**

**As with all raw materials, colour variation may occur. Please note that this does not affect the consistency of characteristics of the enclosed product.**

### **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, ISO 14001 and OHSAS 18001. Ultra Tile 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 projects are used. All Ultra Tile products are sold subject to our conditions of sales, 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 responsibly and in accordance with local authority requirements. A full Material Safety Data Sheet relating to this product is available from [www.instarmac.co.uk](http://www.instarmac.co.uk).

Manufactured by **Instarmac Group plc**

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