



# PROFLEX SP+ES

## Standard Set Flexible Tile Adhesive

### Features

- Frost resistant
- Extended open time
- Suitable for:
  - Porcelain, glass, mosaic & natural stone tiles
  - Timber floors
  - Swimming pools
  - Floors & walls
  - Underfloor heating
  - Internal & external use

Ultra Tile ProFlex SP+ES is a single part, standard set, flexible adhesive for wall and floor tiles. It is specially formulated with extended workability for large format and intricate porcelain, ceramic and natural stone tiling, with exceptional adhesion and flexural capacity that is ideal for situations where vibration may occur.



**3-20 mm**

**BED THICKNESS**

**2 HRS**

**POT LIFE**

**16 HRS**

**SET TIME**

**LIFETIME GUARANTEE**

**C2 TE**

MANUFACTURED TO MEET EN12004 CLASSIFICATION

**S1**

MANUFACTURED TO MEET EN12002 CLASSIFICATION

**ULTRA  
TILE****PROFLEX SP<sup>+</sup>ES****20<sup>K</sup>  
G**

## Standard Set Flexible Tile Adhesive

Ultra Tile ProFlex SP+ES is a single part, standard set, flexible adhesive for wall and floor tiles. It is specially formulated with extended workability for large format and intricate porcelain, ceramic and sealed natural stone tile work, with exceptional adhesion and flexural capacity that is ideal for situations where vibration may occur. A polymer modified adhesive for increased bond strength and enhanced performance. The adhesive's unique qualities make it ideal for fixing tiles to most common building substrates including sand/cement render, screeds, brick and block work, heated subfloors, existing tiled surfaces and overboarded wooden floors (for substrates with greater movement or vibration refer to Ultra Tile ProFlex S2). Ultra Tile SP+ES is perfect for interior, exterior, wet and dry conditions, such as conservatories, showers, saunas and swimming pools.

### SURFACE PREPARATION

The surface being adhered to must be clean, firm, dry, free of dust, dirt, oils 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 Tile Prime IT FP is an ideal surface primer; as it will help to prevent water penetration, and increase bond strength. On non-porous surfaces use the recommended Ultra Floor primer from the Prime IT range.

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 should have backs and edges sealed to prevent ingress of moisture and atmospheric humidity, the face to be tiled should be sealed with Ultra Tile Prime IT FP and left to dry prior to fixing. Boards should be 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 SP+ES 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 2 hours at 20°C. Mix only sufficient material to be used within the pot life, do not remix or re-wet. Approx. mixing ratio of 5.2-5.5 litres per 20kg.

### 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-20mm for floors). Clean off excess adhesive from the tile face and grout lines with a damp cloth before

### 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 products are used. All Ultra Tile products are sold subject to our terms and conditions of sales, copies of which may be obtained upon request.

it sets.

### CLEANING

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

### 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

<b>Packaging:</b>	20kg bags
<b>Standard Conformities:</b>	EN 12004 Class C2 TE S1
<b>Bed Thickness:</b>	3mm-20mm
<b>Coverage:</b>	3mm bed thickness you will require 4.5kg of material per m <sup>2</sup>
<b>Pot Life:</b>	2 hours depending upon temperature and substrate
<b>Set Time:</b>	16 hours dependent upon temperature and substrate
<b>Storage:</b>	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 12 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.
<b>Shelf Life:</b>	12 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.

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 or characteristics of the enclosed product.

### 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).

Manufactured by **Instarmac Group plc**

Danny Morson Way, Birch Coppice Business Park, Dordon, Tamworth, Staffordshire B78 1SE

Tel: +44 (0)1827 872244 Fax: +44 (0)1827 874466. Enquiries: [email@instarmac.co.uk](mailto:email@instarmac.co.uk) Visit: [www.instarmac.co.uk](http://www.instarmac.co.uk)

Version5.04.2015

An **INSTARMAC** Brand