

ULTRA

ProFlex 2 part

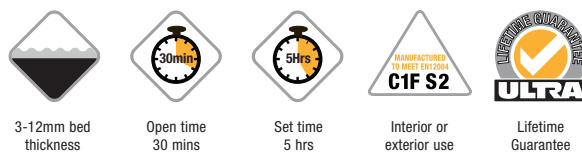
Technical Data Sheet

Highly Flexible Rubber Crumb Adhesive

Features

- ◆ Ultimate S2 Flexibility
- ◆ Timber Floors
- ◆ Under Floor Heating
- ◆ Rapid Setting
- ◆ Internal & External Applications
- ◆ Waterproof

A two-component flexible adhesive for timber and most common substrates. Specially designed to minimise movement. Suitable for ceramics, porcelain, mosaics, quarry, marble, terrazzo, terracotta and brick slips.



Manufactured by **Instarmac Group plc**

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ULTRA ProFlex 2 part

Highly Flexible Rubber Crumb Adhesive

INFORMATION

Ultra ProFlex 2part is a two component flexible adhesive for timber and most common substrates that has been designed to minimize movement. The product is suitable for applications where ceramics, porcelain, mosaics, quarry, marble, terrazzo, terracotta and brick slips are used. Ultra ProFlex 2part can also be used on other substrates but it is not suitable for heavy-duty industrial floor applications.

The specific performance characteristics of Ultra ProFlex 2part would be achieved only when the two parts contained in this packaging are used together in the ratio specified. Neither of the components will perform correctly if altered by the addition of other aggregates, cements, polymers or water. Note: Due to the dark colour of the adhesive it is beneficial to check that it does not stain light or translucent tiles.

SURFACE PREPARATION

Ensure that all surfaces are clean, dry, firm, free of dust, dirt, oil and grease, as well as strong enough to support the weight of the adhesive and the tiles being fixed on it. Allow the drying times as given in the relevant BS5385 to lapse prior to tiling. For wooden floors: Ensure the timber is stable, ventilated underneath, rigid and strong enough to support the tiling. Do not fix tiles to exterior timber floors in wet or heavy-duty areas. Use boards of moisture resistant grades at least 12-15mm thick. Screw boards securely to joists at a maximum of 300mm centres. Seal all edges in damp areas. Prime unsealed areas with Ultra Prime IT FP and allow to dry before tiling.

MIXING

Ultra ProFlex 2part should be mixed in the ratio of 1 pack powder to 1 bottle only. Do not part mix. Stir or shake the liquid well (ensure cap is firmly in place). Add the powder gradually to the liquid and stir thoroughly until a slump-free consistency is achieved. Do not add any other substances; do not re-wet.

APPLICATION

Spread the adhesive to the required thickness (min 3mm and max 12mm). It is imperative that a solid bed is achieved. It is also important to ensure that no part of the tile itself is in contact with the substrate. Care should therefore be taken when fixing to ensure that this is achieved, especially when large studded tiles are used. Bed the tiles in firmly with a slight twisting action to ensure no voids remain. It may be necessary to "butter" the tile at the point of application. Make any adjustments necessary within 15 min. Leave adequate space between the tiles for grouting (approximately 1-3mm for walls and 2-20mm for floors).

CLEANING

Tools should be thoroughly cleaned in water to remove excess material immediately after use. Note: Clean off excess adhesive from the face of the tile and grout lines with a damp cloth before it sets.

GROUTING

Under normal conditions at 20°C grouting and/or walking on the tiles is acceptable after 5 hours. This time may need to be extended at lower temperatures and if tiling onto impervious surfaces. If the application warrants the use of Ultra ProFlex 2part, then grouting with Ultra Flex Joint Grout is recommended.

RELATED PRODUCTS

Ultra Flex Joint Grout – Premium Grade Flexible Wall and Floor Grout.

TECHNICAL DATA

Packaging:	Poly bucket (contains 2 bags of powder and 2 bottles of liquid).
Standard Conformity:	Conforms to the requirements of EN12004 Class C1F S2.
Bed Thickness:	3-12mm using a notched trowel.
Coverage:	0.6m ² /kg at 3mm approximately.
Open Time:	30 minutes depending on temperature and substrate.
Set Time:	5 hours depending on temperature and substrate.
Storage:	Store in sealed original containers at temperatures between 5°C and 25°C. Protect from frost. This product must be stored unopened, 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 packaging, the activity of the reducing agent will be maintained and this product will contain, when mixed with water, no more than 0.0002% (2ppm) soluble Chromium (VI) of the total dry weight of the cement.
Shelf Life:	6 months in the above conditions. Extreme temperatures and high humidity will further reduce shelf life. Note: The use of this product after the end of the declared storage period may increase the risk of an allergic reaction.
Colour:	Dark Grey.
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 the 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 IRRITANT

- R41 Risk of serious damage to eyes • R43 May cause sensitisation by skin contact
- R37/38 Irritating to respiratory system and skin • S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice • S46 If swallowed, seek medical advice immediately and show this container or label • S51 Use only in well-ventilated areas
- S24/25 Avoid contact with skin and eyes • S37/39 Wear suitable gloves and eye/face protection
- 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).

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