

ULTRA

ProRapid PB

Technical Data Sheet

Rapid Setting Tile Adhesive

Features

- ◆ Ceramic & Mosaic Tiles
- ◆ Vitrified Tiles
- ◆ Floor & Wall
- ◆ Under Floor Heating
- ◆ Internal & External
- ◆ Frost Resistant

Rapid setting wall and floor tile adhesive, suitable for use on most common building substrates, including screwed and fixed over-boarded wooden floors.



Manufactured by **Instarmac Group plc**

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

Version 06/07.WHD1889

Rapid Setting Tile Adhesive

INFORMATION

Ultra ProRapid PB is a rapid setting cementitious wall and floor tile adhesive. Its unique properties make it ideal for use with ceramic, mosaic and natural stone tiles. Ultra ProRapid PB is suitable for internal and external use and is unaffected by frost when set. Ultra ProRapid PB adheres to most common building substrates, including concrete, sand/cement render, screeds, brick and block work, screwed and fixed over boarded wooden floors. Ultra ProRapid PB is available in grey and conforms to the requirements of EN12004: Class C1F.

SURFACE PREPARATION

The tiling surface 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. The mix proportions by volume are approximately 3 parts Ultra ProRapid PB to 1 part water. Ensure that the required backgrounds drying times as given in the relevant part of BS5385 are allowed to elapse prior to application of adhesive and tiling. We strongly recommend that porous surfaces are primed prior to fixing. Ultra Flexi-Prime is an ideal primer, preventing water penetration and increasing bond strength.

MIXING

Ultra ProRapid PB should be added slowly to clean water (Ratio 20kg: 4.2 litres, 10kg: 2.1 litres) and mixed thoroughly to give a slump free, easily worked mortar. Once mixed, the mortar is immediately ready for use and has a working time of approximately 20-30 minutes at a temperature of 20°C. Mix only sufficient material to be used within the working time; do not remix or rewet.

APPLICATION

Apply the adhesive to a thickness of 3mm-6mm up to 1m² in one pass. On interior 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 may also need to be 'battered' with adhesive. 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

Temperature and conditions may affect the tile set and therefore the grouting start time. Check the tiles for set before grouting. Instarmac's technical team will be happy to suggest the best Ultra Grout for ultimate performance.

FEATURES & BENEFITS

Ultra ProRapid PB is a rapid setting, cementitious based wall and floor tile adhesive. Formulated for areas which require early trafficking.

TECHNICAL DATA

Packaging:	20kg, 10kg – triple walled paper bags.
Standard Conformity:	Conforms to the requirements of EN12004 Class: C1F.
Bed Thickness & Coverage:	1-12mm. At 3mm bed thickness you will require 4.5kg material per m ² .
Open Time:	20 minutes depending upon temperature.
Set Time:	2-3 hours depending on 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. 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.
Colour:	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 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

• 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 see 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).