

ULTRA

ProRapid RS

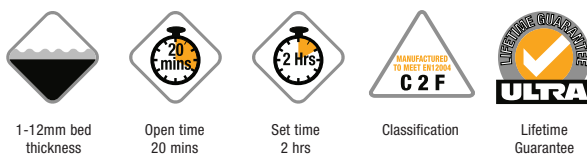
Technical Data Sheet

Rapid Setting Porcelain Tile Adhesive

Features

- ◆ Porcelain & Natural Stones
- ◆ High Strength
- ◆ Floor & Wall
- ◆ Under Floor Heating
- ◆ Internal & External
- ◆ Frost Resistant

Rapid setting, polymer modified, high strength wall and floor tile adhesive, suitable for most common building substrates, including screwed and fixed over-boarded wooden floors and heavily trafficked areas.



Manufactured by **Instarmac Group plc**

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Rapid Setting Porcelain Tile Adhesive

INFORMATION

Ultra ProRapid RS is a rapid set, polymer modified, premium grade cementitious tile adhesive for both interior and exterior use. It is ideal for natural stone, porcelain and ceramic tiles where exceptional bond and rapid set are essential. The product is suitable for both wet and dry conditions and is formulated to adhere to most common substrates including screwed and fixed over-boarded wooden floors. Ultra ProRapid RS conforms to the requirements of EN 12004 Class C2F and is available in grey and white.

SURFACE PREPARATION

Ensure that the tiling surface is clean, dry and firm. It should be free of dust, dirt, oil, 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 your substrate when applying adhesive to porous surfaces it is advisable that the area be primed first. Ultra Flexi-Prime is an ideal surface primer, as it will help to prevent water penetration, and increase bond strength.

MIXING

Ultra ProRapid RS should be added slowly to clean water (20kg White: 4.8 litres of water; 20kg Grey: 4.4 litres of water) 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 minutes at 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 3-6mm up to 1m² 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 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 a minimum of 2 hours before grouting and/or walking on the tiles. This time may be extended on impervious surfaces. Instarmac's technical team will be happy to suggest the best Ultra Grout for ultimate performance.

FEATURES & BENEFITS

Ultra ProRapid RS is a rapid set, high strength, wall & floor tile adhesive. Suitable for heavily trafficked areas.

TECHNICAL DATA

Packaging:	20kg – triple walled paper bags.
Standard Conformity:	Conforms to the requirements of EN 12004 Class C2F.
Bed Thickness & Coverage:	1-12mm. At 3mm bed thickness you will require 4.5kg of material per m ² .
Open Time:	20 minutes depending upon temperature and substrate.
Set Time:	2 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. 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

CONTAINS PORTLAND CEMENT

• R43 May cause sensitisation by skin contact • S24 Avoid contact with skin • S37 Wear suitable gloves • S46 If swallowed, seek medical advice immediately and show this container or label • S56 Dispose of this material and its container to hazardous or special waste collection point.