Technical data sheet

ULTRA TILE PRORAPID RS

Rapid Set Flexible Tile Adhesive

Features

- High strength
- Frost-resistant
- Suitable for:
  - Porcelain & natural stone tiles
  - Underfloor heating
  - Floors & walls
  - Internal & external use

UltraTile ProRapid RS premium grade cementitious tile adhesive ideal for natural stone, porcelain and ceramic tiles where exceptional bond and rapid set are essential.

CE

20KG

Manufactured by **Instarmac Group plc**
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ULTRA TILE PRORAPID RS 20KG

Rapid Set Flexible Tile Adhesive

UltraTile ProRapid RS premium grade cementitious tile adhesive ideal for natural stone, porcelain and ceramic tiles where exceptional bond and rapid set are essential. A polymer modified adhesive for increased bond strength and enhanced performance. It is suitable for both wet and dry conditions and formulated to adhere to most common substrates including screwed and fixed over-boarded wooden floors (15mm minimum).

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 we advise priming all surfaces prior to applying adhesive. UltraTile ProPrime IT is an ideal surface primer suitable for use on both porous and non-porous substrates (see Technical Datasheet for specific usage). The primer seals the surface, reduces excessive moisture loss from the adhesive and increases bond strength of the adhesive to the substrate.

MIXING

UltraTile ProRapid RS 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 to use and has a pot life of approximately 1 hour at 20˚C. Mix only sufficient material to be used within the pot life, do not remix or re-wet. Approx. mixing ratio of 4.2-4.5 litres per 20kg.

APPLICATION

Apply the adhesive to a thickness of 3mm-12mm up to 1m^2 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 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 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 UltraTile grout.

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. UltraTile 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 UltraTile products are sold subject to our terms and conditions of sales, copies of which may be obtained upon request.

TECHNICAL DATA

Packaging:	20kg bags
Standard Conformity:	EN 12004 Class C2 FT
Bed Thickness:	3mm-12mm
Coverage:	3mm bed thickness you will require 4.5kg of material per m^2
Pot Life:	1 hour depending upon temperature and substrate
Set Time:	2.5 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. 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.

Shelf Life: 12 months in the 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 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.

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