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TILE ADHESIVE PLASTERI RSL RAPID



NEW!

Product description

Fescon Tile adhesive plasteri RSL Rapid is a non-sag, very fast-setting renovation adhesive for fixing ceramic floor and wall tiles. Wall tiling can be grouted after approximately 2 hours, and floor tiling after about 4 hours. The adhesive meets the requirements of C1F, S1, and T classifications. For indoor use.

- Non-sag and extremely rapid strength development
- Working time approx. 15–20 minutes
- Suitable for modern fast-paced renovation and construction projects

Applications

- Renovation and new construction projects
- Public facilities where spaces must be quickly put into use
- Wall and floor tiling

The product is listed in the portal for building products that can be used in Nordic Swan Ecolabelled buildings.

Instructions

Base

- The substrate may be Fescon waterproofing, concrete, lightweight concrete, cement-based leveling compound, or a suitable construction board.
- The substrate must be clean, dust-free, solid, and stable.
- Loose layers, cement laitance, and other impurities must be removed mechanically to ensure proper adhesion between the product and the substrate.
- The substrate and ambient temperature must be between +10°C…+25°C, and the relative humidity below 90% RH.
- Underfloor heating must be switched off 2 days before waterproofing.
- Uneven floors must be leveled with Fescon floor leveling compounds, and walls with Fescon Levelling compound for wet areas WTT.

Priming

- When tiling over a waterproofing membrane, no separate priming is required.
- For highly absorbent or very dry substrates, a primer treatment is recommended using a mixing ratio of 1 part Fescon Primer KP to 5 parts water.

Mixing and Application

- The working area must be fully protected from wind, drafts, sunlight, and rain.
- One bag (20 kg) of adhesive is mixed with 6 liters of cold water.

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- Do not overdose water, as this will prolong the drying time of the adhesive and weaken its strength.
- Mix to a uniform consistency using a power drill with a paddle mixer. Mixing time approx. 1.5 minutes.
- Apply the adhesive to the substrate with firm pressure and comb it open.
- Apply only as large an area as can be tiled while the adhesive is still fresh. This ensures sufficient adhesion (wall tiles 70–75% coverage, floor tiles 80–90% coverage).
- Working time approx. 15–20 minutes from water addition.
- Clean tools immediately after use with water.
- The time for the tiled floor to be taken into use is determined on-site together with the tiling contractor.

Finishing

- Tiles fixed with Tile adhesive plasteri RSL Rapid are grouted with Fescon Tile seaming plaster SML. Expansion and corner joints are sealed with Fescon Sanitary silicone. Available in 9 color options.
- Grouting can be performed, depending on the substrate and site conditions, approximately 2 hours after wall tiling and 4 hours after floor tiling.

Other information

- Waterproofing and tiling work must be carried out in accordance with RT guidelines and RIL instructions.
- The drying times stated in the product data sheet are based on conditions of +20°C and 50% relative humidity. Lower temperatures or higher humidity levels in the work area will extend the drying time.
- Not suitable for outdoor use or for spaces exposed to continuous water stress, such as swimming pools.

Waste handling

Storage and handling of waste
See the separate storage and disposal instructions https://www.fescon.fi/en/material-bank

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Technical information

Material usage	2–4 kg/m^2 depending on the substrate and tile type
Water requirement	Approx. 6 l / 20 kg
Type	Powder
Binder	Special cement
Colour	Grey
Maximum grain size	0,6 mm
Package size	20 kg
Storage	Storage time in a dry place approx. 8 months
Additives	Additives that improve workability and adhesion
Usage temperature	+10°C...+25°C (substrate and room temperature)
Workability time	Approx. 15 - 20 min
Coatable	Groutable: walls approx. 2 h, floors approx. 4 h depending on conditions and substrate
Walkable	Approx. 3 - 4 h
Adhesion strength	> 1,0 MPa
Frost resistance	Not frost resistant, for indoor use
Waterproofness	Water resistant
GWP A1-A3	0,76
GWP unit	kg CO2e/kg
Method for calculating the GWP value	Generic

Limitation of liability, product use notes and restrictions: Please familiarize yourself with Fescon Oy's general terms of delivery and the design and work instructions related to the product.