

Ronafix for Flooring

Admixture for floor screeds



Description

Ronafix is a high performance Agrément Board certified water-based SBR polymer for producing thin-section wearing or levelling screeds, fine concretes and floor repair mortars. Ronafix modified screeds are waterproof, frostproof, stronger, more durable and more chemically resistant than conventional screeds - dependent on mix design (see overleaf).

Ronafix is also used for concrete repair, waterproofing and bonding. Refer to specific data sheets.

Uses

- Thin-section bonded, unbonded and floating screeds
- New screeds and refurbishment of old screeds
- Thin-section screeds onto underfloor heating and insulation
- Suitable for industrial, commercial, retail and domestic use

Benefits

- Can be laid down to a thickness of 6mm
- Can be trafficked as early as 24 hours after laying
- Frost proof, waterproof, chemical resistant
- Market leading brand since 1969
- Can be steam cleaned
- Water Regulations Advisory Scheme Approved
- Selected mix designs can be pumped and power floated
- Endorsed by British Board of Agrément

Key Performance Indicators

- High bond strengths; 3N/mm²
- 90% reduction in water vapour permeability against normal screeds
- Meets the requirements of Category A (Very Heavy Traffic) of the BRE Drop Hammer Test in accordance with BS8204: Part 1: 1999
- Unaffected by continued exposure to freeze / thaw cycling
- BS8204 pt 1, Category C floating screeds at 35mm

Project references include

Guide Dogs For The Blind Association
London Underground
Rail Track
British Airport Authority
H.M.Prison Service
Tesco
Ford Motor Company

More information

Ronacrete Technical Support: +44 (0) 20 8593 7621
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Specification Clause

The screed or repair mortar, shall be Ronafix mix design (specify A, A1, B, B1, F, G) by Ronacrete Ltd, tel. +44 (0) 20 8593 7621. The primer shall be 1:1 Ronafix/cement. Apply in accordance with manufacturers instructions.

Mix design selection table

	Use classification BS8204 part 3	
Bonded levelling screed, minimum 6mm	Light and medium	Mix A
Bonded levelling screed, minimum 26mm	Light and medium	Mix A1
Bonded wearing screed, minimum 15mm	Heavy	Mix B
Bonded wearing screed, minimum 26mm	Heavy	Mix B1
Floating screed, minimum 35mm	Floating	Mix F
Fine concrete screed, minimum 25mm	Heavy	Mix G

Technical Data (Mix A, 7 days)

Compressive strength	45.0	N/mm ²
Tensile	5.0	N/mm ²
Flex	12.0	N/mm ²
ISAT	0.0	ml/m ² /sec
RH < 75%	4-5	days at 25mm
Yield	90	litres per m ³ , plus primer

For other mix designs and data refer to technical data sheet

Packaging

Ronafix is supplied in 5, 25 and 230 litre units

Application

Preparation

Mechanically prepare substrate in accordance with BS 8204 Part 3:1993. Provide structurally sound and clean substrate to receive high strength screed.

Priming

Damp substrate with potable water. Remove any standing water. Prime with 1:1 Ronafix/cement allowing 1 lt/3-4m².

Mixing

Mix components using a forced action mixer.

Installation

Trowel apply screed on to wet or tacky primer. Finish with float or trowel.

Curing

Cure with Monocure or tight fitting polythene.

Enhancement

Can be overcoated with a Ronadeck resin coating to provide additional chemical protection, slip resistance and decoration.

Shelf Life and Storage

Shelf life 9 months. Store in a cool dry place. Protect from frost.

Health and Safety

Non-hazardous. Protective clothing such as goggles, overalls and gloves is recommended to prevent any effect from prolonged skin contact, inhalation or ingestion. Refer to Health and Safety Data Sheet.

Technical Service and Support

Ronacrete provide free technical advice and support during design and installation of all systems for flooring, concrete repair, bonding, bedding and waterproofing. If you need any further information or a full technical data sheet contact the Ronacrete Technical Department on +44 (0) 20 8593 7621.

Guarantee

Ronacrete products are guaranteed fit for purpose and of merchantable quality. Materials are supplied subject to our standard Terms and Conditions of Sale, available on request.

Disclaimer

The information detailed in this leaflet is liable to modification from time to time in the light of experience and of normal product application, and before using, customers are advised to check with Ronacrete Ltd, quoting the reference number, that they possess the latest issue. Any person or company using the product without first making further enquiries as to the suitability of the product for the intended use does so at his own risk, and Ronacrete Ltd can accept no responsibility for the performance of the product, or for any loss or damage arising out of such use. All data shown are typical laboratory results achieved in ideal conditions; site results may differ.



a world class company

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