REP.0254
RASOGREY

Thixotropic, fibre-reinforcing structural cement skim coat

🚚 Customs Code
3824 5090

📦 Packaging
- Bag 25 kg

📋 Application
- Brick trowel
- Finishing trowel
- Spatula

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Family	Type
Repar	**Structural cement skims**

Product Lines	Functional Cathegories
• **Building**	• **Repair and restoration of concrete structures with thixotropic mortars** • **Masonry plastering with plasters and skims** • **Prefabrication**

Components	Appearance
Single-component	**Powder**

Certifications and legislations

CE EN 998/1 **GP**

EN 998-1
Specification for Mortar for Masonry - General purpose rendering/plastering mortar (GP)

General description

Structural, fibre-reinforced thixotropic cement skim coat, with excellent adhesion characteristics, resists compression, bending and abrasion, etc. Ideal for structural renovation of works and manufactured pieces in deteriorated concrete. Apply using a trowel.

General features

Rheoplastic, thixotropic, structural, composite skim coat with a special cement and select silicate aggregates base, fibre-reinforced with a balanced mix of polypropylene fibres READYMESH and calcium meta-silicate micro-fibres, with the addition of specific agents with a high rate of micro-silicates. It provides, after hardening, high performance in terms of intrinsic permeability, resistant to run-off and hydrolysing activity, mechanical resistance, to abrasion and cavitation, anti-carbonising properties, chemical-physical stability, resistant to atmospheric aggression and run-off waters. It has three-dimensional fibre-reinforcement, provides high hold; it is dimensionally stable (compensated shrinkage).

Dosage

Approximately 1.8 kg/m² of RASOGREY for each millimetre of thickness to be made.

Fields of application

Repairs and protective coatings of civil building works in concrete (pillars, walls, balcony cornices, etc.).

Basic features

←I→	Max. recommended thickness: *10 mm*	⊘	Maximum diameter of aggregate: *0.7 mm*
→I←	Min. recommended thickness: *3 mm*	⊘	Mix with water: *15 %*
🔥	Nonflammable	⧖	Pot-life: *60 min*
🕐	Shelf-life: *12 months*	🌡	Temperature of use: *+5 / +35 °C*
🧤	Use wearing protective gloves	☀	UV-resistant
🎨	Available **colours** Gray		

Technical specifications

Bonding force (UNI EN 1015-12): 1.8 N/mm²

Capillary absorption (UNI EN 1015-18):	0.49 kg•h^0.5/m²
Chloride content (UNI EN 1015-17):	<0.01 %
Compressive strength after 01 day (UNI EN 12190):	> 4 N/mm²
Compressive strength after 07 days (UNI EN 12190):	> 15 N/mm²
Compressive strength after 28 days (UNI EN 12190):	> 21 N/mm²
Density (UNI EN 1015-6):	1761 g/l
Determination of thermal compatibility (UNI EN 13687-1):	1.7 MPa
Flexural strength after 28 days UNI EN 196/1:	> 5 N/mm²
pH:	> 12 _
Reaction to fire (EN 13501-1):	A1 _
Resistance to carbonatation (UNI EN 13295):	0.5 mm
Skid resistance (UNI EN 13036-4):	73 mm

Tools **cleansing**

• Water

Applicable on

• Plasters
• Concrete
• Cement-based or lime-based mortars
• Prefabricated concrete

Substrate **preparation**

The application surfaces should be clean, free of containment, inconsistent and incoherent parts, dust, etc., conveniently saturated with water to reach the "saturated to dry surface" condition.

Instructions for use

Place approx. 2/3 of water in the mixer, adding RASOGREY and the remaining water; continue mixing until you obtain an even mix free of lumps. The mixing water should be approx. 18 - 20% of the weight of the bag. Having completed mixing, wait a few minutes before applying.

Addition of BOND HG to the mixing water, (approx. 0.5 litres per 25kg bag of product) allows further improvement in terms of adhesion, hold, impermeability, workability, modelling and deformation capacity.

Storage and preservation

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance. Protect from humidity.

Warnings, Precautions and **Ecology**

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge.
Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage.
Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: www.azichem.com. The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: www.azichem.com.
It is forbidden to dispose of the product and/or packaging in the environment.

Do not apply in the presence of direct sunshine or strong ventilation. Prolonged care for protection and damp seasoning of the surfaces created.

RASOGREY is produced/distributed by

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