

Rasowhite

Thixotropic, fibre-reinforcing structural cement skim coat



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.

CUSTOMS CODE: 3824 5090

COMPONENTS: Single-component

APPEARANCE: Powder

AVAILABLE COLORS: White

PACKAGING AND DIMENSIONS: Bag 25 kg

OBTAINED CERTIFICATIONS AND REGULATIONS



FEATURES AND BENEFITS

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).

FIELDS OF APPLICATION

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

ALLOWED SUPPORTS

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

PREPARATION OF SUPPORTS

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.

MODE OF USE

Place approx. 2/3 of water in the mixer, adding Rasowhite and the remaining water; continue mixing until you obtain an even mix free of lumps. The mixing water should be approx. 20 - 22% 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.

APPLICATION METHODS

Brick trowel - Finishing trowel - Spatula

TOOL CLEANING

Water

KEY FEATURES

↔ Max. recommended thickness: 8 mm

→← Min. recommended thickness: 3 mm

⌚ Pot-life: 60 min

🌡 Temperature of use: +5 / +35 °C

☀ UV-resistant

⊘ MAX Maximum diameter of aggregate: 0.7 mm

🔥 Nonflammable

🕒 Shelf-life: 12 months

🧤 Use wearing protective gloves

TECHNICAL SPECIFICATIONS

UNI EN 1015-11

Compressive strength > **25 N/mm²**

UNI EN 13295

Resistance to carbonatation **0.5 mm**

EN 13501-1

Reaction to fire **A1**

UNI EN 1015-6

Density **1900 kg/m³**

pH > **12**

UNI EN 13687-1

Determination of thermal compatibility **1.7 MPa**

UNI EN 196/1

Flexural strength > **6 N/mm²**

UNI EN 13036-4

Skid resistance **73 mm**

UNI EN 1015-12

Bonding force **1.8 N/mm²**

UNI EN 1015-18

Capillary absorption **0.49 kg•h^{0.5}/m²**

UNI EN 1015-17

Chloride content < **0.01 %**

CONSUMPTION

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

STORAGE AND CONSERVATION

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.



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Via Giovanni Gentile, 16/A - 46044 Goito (MN), Italy
Tel: +39 0376.604185 / 604365
Fax: +39 0376 604398
www.azichem.com - info@azichem.com

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PHOTO GALLERY



ADDITIONAL CONTENT



WARNINGS AND PRECAUTIONS

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

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