

Rasocoat

Plaster/adhesive for insulation systems with polystyrene coat



Premixed single-component powder compound, based on hydraulic binders, water-dispersible resins, selected siliceous and calcareous aggregates, specific agents, for the preparation, with the addition of water only, of a thixotropic adhesive mortar usable for the fine civil finishing of concrete elements, cement plasters, cement-lime mortar, autoclaved aerated concrete blocks, plastic scratched concrete, tiled coverings, HPFRC conglomerates. Rasocoat, in combination with ARMAGLASS STRUCTURA fibreglass mesh, constitutes the finishing mortar of the RINFOR SYSTEM 3 anti-overturning system (consult the website www.groutpower.com).

CUSTOMS CODE: 3824 5090

COMPONENTS: Single-component

APPEARANCE: Powder

AVAILABLE COLORS: Gray

PACKAGING AND DIMENSIONS: Bag 25 kg

OBTAINED CERTIFICATIONS AND REGULATIONS



FEATURES AND BENEFITS

Rasocoat is a gray color normal hardening smoothing compound with a maximum grain size of 0.6 mm, fiber-reinforced with Readymesh PM polypropylene microfibers. The particular composition gives the mortar obtained, by mixing Rasocoat with water only, high adhesive power even on difficult surfaces, high smoothness in application with a smooth trowel and easy surface finishing with a metal trowel or sponge float.

FIELDS OF APPLICATION

Smoothing and finishing of concrete walls, cement plasters or lime mortar, before painting. Smoothing of plastic scratches as long as they are consistent, clean and well anchored to the substrate. Smoothing of tiled walls as long as they are firmly anchored to the substrate and after smoothing/sanding and thorough cleaning. Smoothing of mineral wood panels (Eraclit® type). Smoothing of HPFRC conglomerates and very low porosity mortars, after thorough cleaning of the substrate, sanding and possible priming, wet on wet with BOND PLUS adhesive latex. Highly adhesive smoothing capable of transferring stresses and incorporating ARMAGLASS STRUCTURA fibreglass meshes in the RINFOR SYSTEM 3 anti-overturning system for masonry.

ALLOWED SUPPORTS

Plasters - Concrete - Fiber-cement - Brickworks - Stone walls - Tiles - Thermal insulating panels - Acrylic wall coatings



PREPARATION OF SUPPORTS

The application surfaces must be clean, free from dirt, loose or inconsistent parts, dust and slightly roughened to promote a solid and resistant adhesion of the smoothing to the support. If the support is made of scratched plastic or tiles, these must be consistent, compact and well-adherent to the support. Wash all the surfaces to be treated with pressurized water in order to eliminate dusty residues that prevent correct adhesion. Absorbent supports, such as plaster or concrete, must be abundantly moistened with water, while slightly or non-porous supports, made of scratched plastic, tiles or HPFRC conglomerates, must be sanded and, if necessary, slightly moistened with BOND PLUS primer (smooth the surfaces with the wet-on-wet technique without letting the BOND PLUS primer dry). In any case, remove any superficial water layers with compressed air, sponge or rags.

MODE OF USE

Pour 2/3 of the total mixing water into the mixer, then gradually add the product and the remaining water, mixing until you obtain a homogeneous mixture of the desired consistency and free of lumps. Leave the mixture to rest for about 1 minute and then proceed with a further brief mixing. Spread with a blade, smooth or serrated metal spatula using the methods specific to the specific application and paying attention to the following procedures: In skimming applications, do not exceed a total thickness of 4 mm per single coat with Rasocoat 0.6 mm and 10 mm per single coat with Rasocoat 1.5 mm. When smoothing cracked or uneven surfaces, it is always recommended to use the Armaglass 160 alkaline-resistant fibreglass mesh. The mesh must be pressed with a smooth spatula onto the still fresh mix, taking care to create overlaps of at least 5 cm between the different sheets of mesh. Once the first layer of Rasocoat has dried, proceed with the uniform application of the next layer.


APPLICATION METHODS


Brick trowel - Finishing trowel - Sponge float - Spatula - Notched finishing trowel


TOOL CLEANING


Water


KEY FEATURES


 Mix with water: 18-20 %

 Pot-life: 90 min

 Temperature of use: +5 / +30 °C

 Nonflammable

 Shelf-life: 12 months

 Use wearing protective gloves

TECHNICAL SPECIFICATIONS

UNI EN 1015-11
Compressive strength after 1 day > **4 N/mm²**

UNI EN 1015-11
Compressive strength after 28 days > **20 N/mm²**

UNI EN 1015-18
Capillary absorption **0.26 kg•h^{0.5}/m²**

UNI EN 1015-17
Chloride content < **0.01 %**

UNI EN 1015-12
Bonding force > **1.5 N/mm²**

Reaction to fire **Classe A1**

UNI EN 1015-11
Compressive strength after 7 days **15 N/mm²**

UNI EN 1015-11
Flexural strength after 28 days > **6 N/mm²**

Density **1.90 kg/l**

pH > **12**

UNI EN 13142
Static elastic modulus **18000 N/mm²**



CONSUMPTION

As an adhesive: approximately 5.5 kg/m². As a reinforced skim: from 3 to 4 kg/m² in normal skimming coats, from 8 to 10 kg/m² in skimming coats for the RINFOR SYSTEM 3 anti-tip system.

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.

PHOTO GALLERY



ADDITIONAL CONTENT



WARNINGS AND PRECAUTIONS

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.

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It is forbidden to dispose of the product and/or packaging in the environment.

