

# Rasocoat

## Plaster/adhesive for insulation systems with polystyrene coat



Premixed monocomponent powder compound, based on hydraulic binders, water-dispersible resins, selected siliceous and calcareous aggregates, specific agents, for the packaging, with the sole addition of water, of an adhesive thixotropic mortar for fine smoothing of elements in concrete, cementitious plasters, bastard mortar, plastic scratched, tiled coatings, HPFRC conglomerates and the bonding of expanded polystyrene and polystyrene insulation to masonry or old plaster, and polystyrene and glass fiber nets in the RINFOR SYSTEM 3 anti-tip system.

**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

Regularization and finishing of concrete walls, cement-based plasters or cement-lime mortar, before painting. Smoothing of plastic scratched 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 careful cleaning. Skimming of mineral wood panels (Eraclit® type). Smoothing of HPFRC conglomerates and very low porosity mortars. Realization of smoothing, coatings and gluing in thermal insulation systems, including constructions with expanded polystyrene panels. Skim coat capable of transferring stresses and incorporating ARMAGLASS STRUCTURA fiberglass meshes in the RINFOR SYSTEM 3 anti-tipping masonry system.

## ALLOWED SUPPORTS

Plasters - Concrete - Cement-based or lime-based mortars - Fiber-cement - Brickworks - Stone walls - Tiles - Thermal insulating panels - Acrylic wall coatings

## PREPARATION OF SUPPORTS

The application surfaces must be clean, free of dirt, crumbly and incoherent parts, dust, etc. If the substrate consists of a scratched plastic or tiles, these must be consistent and well adherent to the substrate. Wash all the surfaces subject to the intervention with water in order to eliminate dusty residues that prevent proper adhesion. Absorbent substrates, such as plasters or concrete, must be thoroughly moistened with water, while substrates that are not porous or not porous, consisting of scratched plastic, tiles or HPFRC conglomerates, must be dry at the time of application. In any case, remove the surface water veils with compressed air 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 a homogeneous mixture of the desired consistency and free of lumps is obtained. Let the mixture rest for about 1 minute and then proceed with a further short mixing. Spread with a blade, smooth or notched metal trowel in the manner specific to the specific application and paying attention to the following procedures: - In the application of gluing the polystyrene panel, wait at least 24 hours (at 20 ° C), before proceeding to the following processing (smoothing, etc.). - In smoothing applications, do not exceed the overall thickness of 4 mm for each coat. The use of the Armaglass 160 alkaline-resistant fiberglass mesh is recommended. The mesh must be pressed with a smooth spatula on the still fresh mix, with the warning to create overlaps of at least 10 cm between the different mesh sheets (or in the joints between one panel and the next in the case of smoothing on heat-insulating panels). Once the first layer of Rasocoat has dried, proceed with the uniform application of the next layer. The consumption for gluing the panels is about 5-6 kg / m<sup>2</sup>. Consumption for a normal two-coat reinforced leveling coat with a total thickness of 2 mm is approximately 3-4 kg / m<sup>2</sup>. Consumption for reinforced leveling compounds in anti-tipping systems is approximately 8-10 kg / m<sup>2</sup>.


## 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/mm<sup>2</sup>**

UNI EN 1015-11

Compressive strength after 28 days > **20 N/mm<sup>2</sup>**

UNI EN 13142

Static elastic modulus **18000 N/mm<sup>2</sup>**

UNI EN 1015-18

Capillary absorption **0.26 kg•h<sup>0.5</sup>/m<sup>2</sup>**

UNI EN 1015-17

Chloride content < **0.01 %**

UNI EN 1015-12

Bonding force > **1.5 N/mm<sup>2</sup>**

UNI EN 1015-11

Compressive strength after 7 days **15 N/mm<sup>2</sup>**

UNI EN 1015-11

Flexural strength after 28 days > **6 N/mm<sup>2</sup>**

Reaction to fire **Classe A1**

Density **1.90 kg/l**

pH > **12**



## CONSUMPTION

As an adhesive: approximately 5.5 kg/m<sup>2</sup>. As a reinforced skim: from 3 to 4 kg/m<sup>2</sup> in normal skimming coats, from 8 to 10 kg/m<sup>2</sup> 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



Produced and distributed by **AZICHEM srl**  
Via Giovanni Gentile, 16/A - 46044 Goito (MN), Italy  
Tel: +39 0376.604185 / 604365  
Fax: +39 0376 604398  
[www.azichem.com](http://www.azichem.com) - [info@azichem.com](mailto:info@azichem.com)

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