





-  FAÇADE TREATMENT
-  TRATTAMENTO DI FACCIATA
-  TRAITEMENTS DE FACADES
-  OCHRONA I KONSERWACJA ELEWACJI I MURÓW



RASACOLL

Bonding and levelling for thermal insulation systems

Description

RASACOLL is a single-component powder product which, with the addition of water, forms a specific mix both for bonding and for the final levelling of polystyrene insulating panels (with rough surface), on external or internal building, with thermal insulation systems. In smoothing and levelling applications thermal-insulating panels has to be applied in combination with embedded fibreglass

RASACOLL is applicable as a bonding agent for insulating panels on the following surfaces:

- old and new plasters;
- concrete;
- brick and mixed masonry;
- old plastic coatings.

Advantages

RASACOLL allows you to bond and smooth at the same time with one product, at a low cost.

Application

Surface preparation:

- the substrate must be regular, free of inconsistent parts, greases or water-soluble materials;
- old paints must be removed;
- the thick plastic coatings on which it is intended to adhere the RASACOLL must be tested to ensure their good adhesion to the base: in case of doubtful adhesion they must be removed and the surface must be consolidated with a suitable vinyl or acrylic latex and smoothed with a resin levelling compound ;
- during the hot season, moisten the substrate before laying.

Preparation of the product

Mix a bag of RASACOLL with 6.25 ÷ 6.50 liters of clean water and mix with a low-speed whisk mixer until a homogeneous lump-free mix is obtained.

Application of the product

As adhesive

Apply the product directly on the insulating panel, forming product curbs or points or, even better, with a full-surface notched trowel.

As a smoothing and levelling coat





Wait 2 or 3 days to avoid damaging the bonding process and then proceed with the application of RASACOLL as a surface levelling as follows:

- prepare the mixture as for bonding;
- apply one coat of product, spread with a notched trowel, position a glass reinforcement mesh by squeezing it with a smooth trowel until it is completely embedded in the skim coat;
- then apply the product with a smooth trowel until obtaining total coverage of the mesh and an adequate coating thickness.

Finishes

For the colored coating of RASACOLL wait about two weeks.



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Consumption

To obtain 1 mm of hardened product thickness, about 1.5 kg of product per 1 m² are required.

Special warnings and instructions

- Do not apply with ambient temperatures below + 5 ° C and above + 35 ° C.
- Do not apply in strong sunlight or with threats of rain or with high wind.
- Do not apply on frozen or wet substrates.

Technical data

mass volume of the hardened product	g/cm ³	1,45
compressive strength after 28 days, UNI EN 196-1	MPa	12,5
flexural strength after 28 days, UNI EN 196-1	MPa	5,0
grain size, UNI EN 933-1	mm	< 0,40
Pot life	hours	6
rest time of the dough	min	10
mixing water	%	25÷26
maximum thickness per coat	mm	5

Storage

12 months in original packaging, in a covered, dry place, at temperatures between + 5 ° C and + 35 ° C. The product fears humidity.

Legal notice

Tips on how to use our products match the current state of our knowledge and do not imply any assumption of responsibility or/and liability for the final result of works. Therefore, customers are not exempt from the responsibility to verify the suitability of products for use and final aims through preliminary tests. The website www.nordresine.com contains the latest revision of this datasheet.

Edition

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