



Systems for
Waterproofing,
dehumidification,
wetproofing



Certified Quality System since **FEBRUARY 1993**

From Project to Jobsite

MACROPORE® RINZAFFO

Description MACROPORE® RINZAFFO is a premixed product, consisting of sulphate resistant hydraulic binders, crystallisation inhibitors, special additives and selected silica.

Advantages/ characteristics MACROPORE® RINZAFFO realises a strong 'anchoring' with the wall and remains rough to assure good adhesion with the topcoats. Without changing the interface 'wall-render' it allows full suction of the building water in a very controlled manner. The product realises a structural cooperation with the substrate and is practically insensitive to the disrupting behaviour of sulphate salts.

Fields of use In the system IGROTAC ISO N°1 or where a strong adhesion to salt containing walls is required.

Method of use **Preparation of the wall substrate.**

- Remove existing mortars at least 50 cm above the humidity level or degraded zone.
- Remove all the incoherent, dusty particles, and take care to remove the jointing mortar between the bricks when degraded.
- When large concentrations of building salts are present, remove them brushing or scraping till a clean wall is obtained.
- Apply a suitable dry cleaning method
- The levelling out of the façade (using eventually guiders), filling of any cavities, etc, shall be done immediately after the substrate preparation, using MACROPORE® RINZAFFO, prepared at the proper consistency (use for this purpose less water than indicated on the bag)

Preparation and application of the adhesion-coat

- Pour 6 litre water in the mixer and then gradually the powder MACROPORE® RINZAFFO and mixing for 3 minutes. Project the product to the wall by trowel, by force, until a full homogeneously covered and rough substrate is obtained. Do not execute smoothening application

Please consult technical data sheet "Recommendation for the correct use of MACROPORE"

Remarks Binder systems, based on hydrated lime have an alkaline effect. It is advised to wear protective gloves, goggles and protection of the skin. Handle the product like all normal cement based products.

Information according to 2003/53/CE:

Storage : The product can be kept for at least 12 months if stored in dry and protected conditions, in the original packaging, between +5° C and + 35° C.

Packaging Bag of 25 Kg.

Characteristic technical data (typical values)

• Static elasticity modulus	N/mm ²	7.000÷9.000
• Compressive strength (28 days.)	N/mm ²	10÷14
• Flexural strength (28 days)	N/mm ²	3÷4
• Adhesion to stone (wedge 20°)	MPa	> 2
• Adhesion to brick (wedge 20°)	MPa	> 2
• Water vapour permeability coeff.	μ	35
• Consumption	Kg/m ² /mm thickness	approx. 1,85
• Mixing water	%	24
• Workability time (20 °C)	h.	> 1
• Initial setting time (20 °C)	h.	> 2
• Minimum temperature of application	°C	+2
• Colour		Dark grey

Safety indications Read carefully the safety indications on the packaging, or consult the relevant safety datasheet of this product.

The above information is based on our best experiences and lab results and on results of the application of the product in various fields. Tecnochem Italiana is not responsible for negative performances due to not proper use of the product or for defects due to elements not connected with the quality of the product included wrong storage.

Technical characteristic in this technical data sheet are up-to-dated periodically. Revision date of this technical data sheet is indicated below. Changes of this data sheet can be found in our web-site www.tecnochem.it where you can find the same technical data sheet updated in real time.

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