

grigonova  
isi

# ISI RINZAFFO

**Curing roughcast based on  
sulphate-resistant binders**

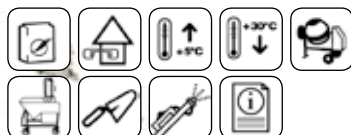


## Product description

GRIGONOVA Isi RINZAFFO is a dry premix based on a mixture of carefully selected special inerts, a mixture of hydraulic binders, highly resistant to salt and additives aimed at improving workability and grip.

## Supply and Storage

GRIGONOVA Isi RINZAFFO is supplied in special 25 kg. bags on stretch pallets. Store in a cool, dry and non ventilated place. Keep packaging intact. Use before the expiry date stamped on the bag.



## Surface Preparation and Application

Follow carefully the guidelines as reported in technical Specifications. For the preparation of the dough, in case of manual applications, mix about 19 liters of water for each 100 kg. of dry product (approx. 4.5 lt./25 kg.) in a concrete mixer or with a rotary hammer drill, to obtain a homogeneous mortar without lumps and of semi-fluid consistency (about 3 minutes), avoiding in any case an excessive incorporation of air; in case of mechanical application, use the plastering machine fitted with a standard mixer but with the help of "turbo", "rotorquill" or similar mixer. Do not mix manually. Cover the entire surface with a minimum thickness of 5 mm. Do not smoothen.

## Fields of use

GRIGONOVA Isi RINZAFFO may be applied either manually or by machine, onto interior and exterior surfaces like brick, blocks, stone, tuff, etc. subject to rising capillary moisture and in the presence of salts. It should not be applied to gypsum, inconsistent and brittle surfaces. After mixing with water to achieve a dough of a semi-fluid consistency, apply with a minimum thickness of 5 mm., as grip layer for the

GRIGONOVA Isi INTONACO. GRIGONOVA Isi RINZAFFO ensures excellent grip of the GRIGONOVA Isi system to the substrate and, at the same time, provides excellent breathability to the moisture contained in the masonry.

## Specifications

The supports to be plastered should be clean and stable, free of dust, efflorescence, oils, fats and salt formations; any inconsistent part must be removed or consolidated. Clear away all material removed from the base of the masonry. A few hours before applying the product, saturate the substrate with water at low pressure. The surfaces thus prepared may be roughcasted, by hand or lung-screw plastering machine, with GRIGONOVA Isi RINZAFFO from Fornaci Calce Grigolin, restauration dry premix based on a mixture of carefully selected special inerts, a mixture of hydraulic binders, highly resistant to salt, additives aimed at improving workability and grip. The product should cover the entire surface with a minimum thickness of 5 mm for a consumption of approx. 1.8/2 kg/m<sup>2</sup> per mm of thickness. After at least 48 hours, or at most within one week, you may proceed with the application of GRIGONOVA Isi INTONACO.

## Technical data according to the UNI EN 998-1 Standard

Consumption	1,500 kg/m <sup>3</sup> determined in free fall
Mechanical resistance to flexion at 28 days	3 mm
Mechanical resistance to compression at 28 days	2 h
Sulphate resistance	Absent in standard termohygrometric conditions
Adhesion to brick	approx. 19%
Fracture type	9-10 kg/m <sup>2</sup> per 5 mm thickness
Water absorption	3N/mm <sup>2</sup>
Water vapor permeability ↔	8 N/mm <sup>2</sup>
Thermal conductivity	Samples intact after 1 month of immersion in a sulphatic environment
Fire resistance	0,7 N/mm <sup>2</sup>
Specific weight	A
Maximum inert diameter	W1
Pot life	11
Plastic withdrawal	0,90 W/mk (tabulated value)
Water in the mix	A1 class

## Disclaimers

Do not mix GRIGONOVA Isi RINZAFFO with other substances. Do not apply to gypsum, inconsistent and brittle surfaces. We do not recommend using GRIGONOVA Isi RINZAFFO when temperatures are below +5°C or above +30°C. Avoid extreme changes in heat while hardening. The product must be protected from frost and rapid drying. Apply on areas previously saturated with water at low pressure. Follow carefully the guidelines as reported in technical Specifications, and in particular with respect to:

- 1) metodologia di miscelazione (% di acqua e tempo di miscelazione);
  - 2) metodologia di applicazione (spessore, grado di copertura, tempistiche).
- Per applicazioni particolari si consiglia di consultare il nostro servizio tecnico.