

# TMA Rinzafo

A polymer-modified cementitious bonding agent with a high specific surface area to promote the adhesion of plasters on smooth or poorly absorbent substrates.



TROWEL  
APPLICATION



ROLLER  
APPLICATION



SPRAY  
APPLICATION

SINGLE-  
COMPONE  
NT  
PRODUCT



FOR  
INDOOR AND  
OUTDOOR  
USE



UNI EN 998-1  
CERTIFIED  
PRODUCT

SiO<sub>2</sub>  
60

AGGREGATI  
SILICEI



Use this QR code for further details on application modalities, safety sheet and other information.

62

Product code



## Technical characteristics

Max. thickness	<b>5 mm</b>
Theoretical	<b>3 - 5 kg/m<sup>2</sup></b>
Compressive strength UNI EN 1015 -11	<b>11.0 MPa</b>

Compression resistance UNI EN 998-1	<b>CS IV</b>
Adhesion to substrate UNI EN 1015-	<b>0.80 MPa</b>
Cured product density UNI EN 1015-10	<b>1650 kg/m<sup>3</sup></b>

## Description

TMA Rinzafo is a high specific surface area adhesion primer based on siliceous aggregates, cement and organic binders. The mix of mineral and organic binders allows for high adhesion on all wall surfaces. The granulometric curve has been designed to create a solid, rough and well-anchored bonding layer ideal for the subsequent

laying of body plaster. It is also suitable for masonry with gaps and irregularities and for mixed masonry whose absorption is to be regularised. The use of selected siliceous aggregates and the study of mixtures make it possible to achieve high mechanical strength and great workability even with small amounts of mixing water.

## Physical characteristics

Package	25 kg
Consistency	powder
Apparent density	1450 kg/m <sup>3</sup>
Mixture water	24 - 27%
Fresh mortar specific weight UNI EN 1015-6	1600 kg/m <sup>3</sup>
Aggregate maximum size	≤ 2.5 mm

Workability time	30 min
Pot life time	1 h
Downtime	45 min
Temperature of use	+5 °C/+35 °C
Storage period	12 months in unopened packages away from humidity

## Fields of application

Preparation of smooth or poorly absorbent substrates prior to application of substrate plaster.

Substrates:

- concrete beams and pillars;

- brick masonry;
- concrete masonry;
- thermal blocks;
- smooth substrates.

## Substrate preparation

The substrates must be dry, sound, clean and free of dust or loose parts. Any traces of oils, fats or waxes

must be removed beforehand.

## Application

For trowel or roller application, mix in a concrete mixer or with a whisk mixer at low speed for 4 to 5 minutes or until the correct consistency is obtained using the correct amount of water (approx. 6.0 to 6.75 litres per 25 kg bag). Stir the unused product from time to time to avoid deposits and

segregations.

For mechanical projection, dose the mixing water until the mortar has a plastic consistency. Wait at least 4 hours before applying plaster to TMA Rinzafo.

## Advantages

### Silica aggregates

TMA Rinzafo consists of silica sand grains. The aggregate offers high hardness, low reactivity to acid attack and, above all, low water absorption. This quality results in a product that is easily

workable even with small amounts of mixing water, offering less shrinkage and higher mechanical properties, which translates into greater durability of the work.

### Redispersible polymer powders

Within its formulation, TMA Rinzafo has dispersed powdered polymers that are activated on contact with the mixing water. This additive gives the product an increased

adhesion strength even on extremely smooth and poorly absorbent surfaces.

## Specification item

Improving the adhesion of plasters on smooth or poorly absorbent concrete using a specific primer loaded with silica aggregates and resins such as TMA Rinzafo by Tradimalt S.p.A., to be mixed with water only, based on silica aggregates, cement and

organic binders, by trowel or with a plastering machine, capable of forming a rough surface with adhesion values greater than 0.8 MPa. Consumption 3 - 5 kg/m<sup>2</sup>.



**TRADIMALT S.p.A.**  
Via Nazionale 1 - VILLAFRANCA  
TIRRENA 98049 MESSINA - ITALY  
**15**  
AO-CPR-13-07

**UNI EN 998-1**  
**TMA Rinzafo;**

*General purposes mortar for indoor/outdoor plasters  
(GP)*

Reaction to fire: Class A1  
Adhesion: 0.8 N/mm<sup>2</sup> - FP:  
B Water absorption: W 0  
Water vapour diffusion coefficient:  $\mu 15$  Thermal  
conductivity: ( $\lambda_{10, dry}$ ) 1,05 W/mK (tabulated value) Durability:  
(against freezing/thawing): assessment based on the  
provisions valid in the place of intended use of the  
mortar.



This is Tradimalt's way of communicating, in its information and technical-commercial material, the composition of each product and some of the product's key features. Therefore, the focus is on supply chain transparency, not required by any relevant regulation but which Tradimalt nevertheless intends to offer to its customers in order to emphasise the quality of the raw materials, and thus of the product, as well as the safety that the company intends to demonstrate with regard to formulations. The focus is therefore in the "transparency" that the company intends to manifest in the supply chain, which is not required by any current formulation law.

### Raw materials contained in the product

Selected raw materials: Italian cement factories;

- Mix of aggregates with a high concentration of silica, with high hardness and low water absorption; powder that improve mortar adhesion.
- Resin. Co-polymers based on vinyl acetate and ethylene dispersed in

- Cements. Portland cement 52.5 R type II from Italian cement factories. End of life cycle: 24 hours depending on environmental conditions;

- application temperature between +5 °C and + 35 °C;
- store the product in its undamaged packaging and protected from moisture for up to 12 months.

### Warnings

- Do not apply in conditions of imminent rain;
- Do not apply at high temperatures and on absorbent substrates;
- always soak until saturated the day before application;
- do not apply on frozen or thawing substrates;
- during application, stir the product from time to time to keep it homogeneous;

The technical-practical information contained in the technical data sheet is the result of our most accurate and detailed scientific research and experience in the field. However, since we cannot directly influence the site conditions and the execution of the work, this information is to be considered non-binding and therefore not legally or otherwise mandatory for third parties. This information does not exempt the end user from their responsibility to test our products in order to ascertain their suitability for the intended use. We therefore strongly advise the customer/applicator to carry out the appropriate preventive tests of Tradimalt products so that their suitability can be ascertained.