

Torggler

Restoration

RINZAFFO

Rendering coat for renovating and/or dehumidifying plasters.



- Perfect compatibility with renovating and/or dehumidifying plasters
- Good breathability
- Excellent workability
- Excellent adhesion on all types of masonry even when treated with Antisale
- Hand and machine application



APPLICATION AREAS

- Rendering coat for indoor and outdoor application of Intonaco WTA, Ekor DP 501
 - Rendering coat on all types of masonry, indoors and outdoors, prior to the application of plasters and mortars.
- N.B.: Do not use Rinzaffo as an adhesive coat for cementitious mortars with high levels of mechanical resistance such as mortars used to restore concrete and reinforced concrete.

TYPES OF SUBSTRATE

- Masonry treated with Antisale.
- Stone masonry.
- Mixed masonry.
- Smooth and rough concrete.

MAXIMUM ATTAINABLE THICKNESSES

5 mm.

FEATURES

Rinzafo is a ready-to-use premixed mortar, to be mixed only with water, and based on special cements, selected silicone aggregates, specific adhesives and additives, specifically designed for rendering before the application, indoors and outdoors, of Intonaco WTA, and Deidro. After mixing with water, you have a mix which is fluid, easy to use and easy to apply by hand or using a plastering machine.

WARNINGS

- Do not apply Finitura to gypsum-based plasters.
- Do not mix Rinzafo with other binders such as cement, hydraulic lime, gypsum, etc.
- Do not apply Rinzafo at temperatures below +5 °C or above +35 °C.
- Given the type, technical characteristics and performance of the product, which is perfectly compatible with renovation systems and/or traditional plasters which have low mechanical resistance, the product should not be used as an adhesive coat for cementitious mortars with high levels of mechanical resistance such as mortars used to renovate concrete and reinforced concrete.

INSTRUCTIONS FOR USE

Preparation

The surface to be treated must be clean and solid, without any dust, loose material or dirt of any kind. Remove all traces of oil, grease, paints and synthetic coatings. Wet the surface to be waterproofed until saturated then allow the excess water to evaporate or remove it using a sponge. Make sure any surface water film is removed. If the masonry is old and suffering from rising damp, scrape off the old plaster completely to a height of at least 50 cm above the line of damp. Remove all traces of crumbling sealing mortar between brick courses or in between stone slabs or blocks and wash thoroughly with a jet of water under pressure. Large cavities may be filled with brick fragments and ordinary plastering mortar. Wet the surface to be waterproofed until saturated then allow the excess water to evaporate or remove it using a sponge. Make sure any surface water film is removed. Where salts (normally sulphates and chlorides but, more rarely, also nitrates) have effloresced, the efflorescence must be scraped off and the wall suitably treated with Antisale. This liquid product must be applied as is in a single abundant coat (approximately 0.3 to 0.5 litres per m²) using a brush or low-pressure sprayer. Under highly saline nitrate conditions, apply an abundant coat of Promular Silicon. When Antisale or Promular Silicon are applied, wait at least 24 hours before applying the rendering.

Mixing the product

For manual applications mix Rinzafo with approximately 15-17% water (approx. 3,75 – 4,25 litres per 25 kg bag) using a mechanical stirrer (a low-speed drill with a mixer attachment or a mortar mixer) for approximately 2-3 minutes. Mix to a smooth, lumpfree, plastic, semi-fluid consistency. The mix prepared in this way has a pot life of about 60 minutes under normal conditions (20 °C). Higher temperatures reduce the pot life, lower temperatures increase it.

Application

Apply with a trowel leaving it as a keying coat with a max. thickness of 4-5 mm. Do not smooth with a trowel or straight edge; the rendering coat must remain rough to provide a good key for the next plaster coat. *2/4* To apply by machine: follow the plastering machine manufacturer's instructions. Make sure the plastering machine is suitable for use by means of preliminary tests, consulting the machine manufacturer and/or our Technical Support Service. The next coat of Intonaco WTA, Dp 501 or other type of generic plaster should be applied when the keying coat is set but not hardened. The time required for the keying coat to set varies in accordance with ambient temperature and humidity as well as the condition of the substrate. This time can be more than 12 hours in the event of substrates which are not very absorbent and/or those treated with A.R.S. ANTISALE or PROMURAL SILICON. The time may even be greater than 24 hours in the event of low temperatures and high relative humidity. The tools used for applying the mortar may be cleaned with water before it hardens. Once hardened, the mortar must be scraped off.

WAITING TIMES

When Rinzafo is applied, wait for at least 1-2 hours and perhaps even up to more than 24 hours, depending on the condition of the substrate and the ambient conditions, before applying the plaster.

TECHNICAL SPECIFICATIONS

PARAMETER AND METHOD	VALUE
MEASURED ON POWDER PRODUCT	
Consistency	powder
Apparent density	1,50 kg/l
Grain size (EN 1015-1)	0 – 2,5 mm
MEASURED ON FRESH MIX	
Mixing water	15 – 17 % pari a 3,75 – 4,25 litri per sacco da 25 kg
Density of mix when fresh (EN 1015-6)	2,1 kg/l
Mix consistency	Plastic/semi-fluid
Mix pot life (a +20 °C) (EN 1015-9)	aprox. 60 min.
Application temperature	from +5 °C to +35 °C
MEASURED ON HARDENED PRODUCT	
Density of mix when hardened (EN 1015-10)	1,95 kg/l
Bending strength β_{bz} (EN 1015-11)	8,0 N/mm ²
Compression strengt β_d (EN 1015-11)	28,0 N/mm ²
Water vapour permeability coefficient – μ (EN 1015-19)	25
Adhesion and breaking properties (EN 1015-12)	2,5 N/mm ² (FP:B)
Capillary water absorption (EN 1015-18)	0,15 kg/(m ² *min ^{0,5}), class W2
Operating temperature	from -20 °C to +90 °C
Thermal conductivity $\lambda_{10.dry}$ (EN 1745:2002 prospetto A.12)	1,17 W/m °K
Fire reaction: (EN 13501-1)	Class A1
Consumption	approx.. 1,9 – 2,1 kg/m ² per mm thickness
Max attainable thickness	5 mm
Product classification (EN 998-1)	GP – CS IV – W2
Color	Grey
Packaging	bag
Packaging size	25 kg
Pallet	50 bags

CONSUMPTION

The consumption of Rinzafo is approximately 1.9 – 2.1 kg/m² per mm of thickness (approximately 9-10 kg/m² for a 4-5 mm layer).

STORAGE

Store Rinzafo in a dry, protected place. Unopened in its original bags, the product can be stored for at least 12 months.

CERTIFICATIONS

The EC Declaration of Conformity for the product is available on request.

The information contained in this document is reported on the basis of our experience and knowledge; therefore, any recommendations and suggestions made are without any guarantee and must be verified before using the product by those who intend to use it, who assume all responsibility that may result from its use since the conditions of use are not under our direct control. In case of doubt, it is always advisable to make preliminary tests and/or ask for the intervention of our technicians. Torggler reserves the right to modify, replace and/or delete the items, as well as to change the product data in this document without prior notice; in this case the indications given here may no longer be valid. Always refer to the latest version of the data sheet, available at www.torggler.com. Version 24.11.2021.