

Torggler

Restoration

FINISSIMO

Very fine, breathable, premixed mortar to give a smooth finish to indoor renovation and/or dehumidifying plasters.



- Perfect compatibility with renovating and/or dehumidifying plasters
- High breathability
- Excellent workability
- Smooth finish



APPLICATION AREAS

- Breathable smooth finish mortar for indoor applications on masonry renovated with Intonaco WTA and Risan one.
- Breathable smooth finish mortar for indoor applications on dehumidified plasters, cement mortars, cement-lime mortars and hydraulic lime.

TYPES OF SUBSTRATE

- Intonaco WTA and Risan One renovating plasters.
- Renovating and dehumidifying plasters made from cement, cement-lime and hydraulic lime mortars.
- Old and new plasters and mortars made from cement, cement-lime and hydraulic lime mortars.

MAXIMUM ATTAINABLE THICKNESSES

2 mm per coat, 5 mm overall.

FEATURES

Finissimo is a ready-to-use, pre-mixed, fine-grain mortar. Just add water and mix. The product formula consists of special hydraulic binders, hydrated lime, calcium carbonate crystal powder, adhesive resins and specific additives. The product is designed for use as an indoor finish plaster on intonaco WTAe risan one. Mixed with water it forms a creamy plaster with excellent workability and good thixotropic properties. Easy to apply with a trowel. Excellent adhesion and fully compatible with plaster substrates. Thanks to its special formula, when applied the product forms a porous structure which ensures a very high level of breathability and an excellent smooth appearance. Finissimo is available in white

WARNINGS

- Do not apply finissimo outdoors.
- Do not apply finissimo to gypsum-based plasters.
- Do not apply finissimo to plaster or brickwork which have been treated with paints or synthetic coatings.
- Do not apply finissimo to flaking, degraded or inconsistent plasters or substrates or where surface irregularities exceed 5 mm.
- Do not use finissimo to make thick layers of plaster.
- Do not mix finissimo with other binders such as cement, hydraulic lime, gypsum, etc.
- Do not add water when the mix of finissimo has already started to set. Only mix the amount of product you can use within the pot-life.
- Do not apply finissimo when the temperature is too high. In this case mix with cold water. Apply the product when it is cool and protect the surface from ventilation and direct sunlight.
- Do not apply finissimo at temperatures below +5 °C or above +35 °C.
- Do not paint finissimo surfaces with non-breathing paints. Do not cover with non-breathing synthetic coatings.

INSTRUCTIONS FOR USE

1. Old substrates made from cement, cement-lime and hydraulic lime mortars and plasters:

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. Prepare and thoroughly wet the substrate. Allow any excess surface water to evaporate. Use a breathable finishing plaster to repair any surface irregularities exceeding 5 mm.

2. New renovating and dehumidifying plasters:

Wait until the plaster is fully cured. (Allow at least one day for each millimetre of thickness of the renovating/dehumidifying plaster applied). Check that the surface of the plaster is rough enough to provide a good key. If necessary, roughen the substrate with a suitable tool. Prepare and thoroughly wet the substrate. Allow any excess surface water to evaporate.

Mix finissimo with 38 to 40% water, i.e. with approx. 5.7 to 6.0 litres for a 15 kg bag. Mix with a mechanical stirrer (a low-speed drill with a mixer attachment) for approximately 2 minutes until you have a smooth, lump-free, plastic, aerated mix. Allow the mixture to stand for about 10 minutes and then mix again briefly. The mix prepared in this way has a pot life of about 90 minutes under normal conditions (20 °C). Higher temperatures reduce the pot life, lower temperatures increase it. Apply the mix using a smooth stainless steel paddle to create a layer no thicker than 2 mm. Allow the first coat to harden for approximately 2-3 hours and then remove any flaws. Apply a second coat and work the surface repeatedly using a smooth stainless steel paddle to create a smooth surface. Use a slightly damp, smooth stainless steel paddle to work the surface over and over again to increase the shiny effect. Using the smooth stainless steel paddle to work the surface ensures a perfectly smooth finish. When this operation is complete and the surface is dry, very fine sandpaper can be used to remove any small imperfections remaining. Allow the smooth finish to harden for at least 21 days. After this time you can paint the surface with risan pittura or other silosanic, silicate or lime paints provided that they are of the breathable type. 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

Before you apply finissimo allow the renovating/ dehumidifying plaster substrate to cure completely. (Allow at least one day for each millimetre of plaster thickness). After application, protect the finished surfaces from direct

sunlight and wind for the first few hours. Before painting with a breathable coating, wait at least 21 days for the finissimo to harden completely.

TECHNICAL SPECIFICATIONS

PARAMETER AND METHOD	VALUE
MEASURED ON POWDER PRODUCT	
Consistency	Powder
Colour	White
Apparent density (MIT 13*)	0,80kg/l
Grain size	< 0,1 mm
MEASURED ON FRESH MIX	
Mixing water	41 – 43 % (6,5 – 6,45 litres per 15 kg bag)
Mix consistency (EN 1015-3)	tixotropica – spatolabile
Mix pH	> 12
Mix density (EN 1015-6)	1,650 kg/l
Air content (EN 1015-7)	10 %
Water retention (DIN 18555-7)	99%
Mix pot life (EN 1015-9)	> 60 minutes
Application temperature	from + 5 °C a + 30 °C
Operating temperature	from -20 °C a +90 °C
Consumption	approx. 1,2 kg/m ² per mm of thickness
MEASURED ON HARDENED PRODUCT	
Density of hardened product (EN 1015-10)	1,30 kg/l
Bending strength (EN 1015-11)	1,30 N/mm ²
Compression strength (EN 1015-11)	3,20 N/mm ²
Adhesion to plaster substrate (EN 1015-12)	0,7 N/mm ²
Permeability to water vapour μ (EN 1015-19)	8
Capillary water absorption coefficient (EN 1015-18)	1,30 kg/(m ² •min0,5)
Thermal conductivity λ10.dry (EN 1745 -A.12)	0,47 W/m•°K
Fire reaction: EN 13501-1	Class A1
Product classification (EN 998-1)	GP – CS II – W 0

(*) Torggler Internal Methods (MIT) are available on request.

Color	White
Packaging	bag
Packaging size	15 kg
Pallet	50 bags

CONSUMPTION

Consumption of finissimo is approximately 1.2 kg/m² per millimetre of thickness.

STORAGE

Store finissimo 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, including copies of official test reports, 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 04.10.2021.