

THIN FINER

FINE FINISH ON EXTERIOR PLASTER AND INTERIOR FINISH



SPECIFICATIONS

Apparent specific weight: 1.19 Kg/lit.

Granulometry: 0-0,7 mm

Consumption (approximate, depending on the type of substrate): 1.2 Kg /m² /mm

Recommended thickness: 2-5 mm

Compressive strength: 20 MPa

Adhesion: >2 MPa

Thermal conductivity (UNI EN 13687-3): 0.065 W/mK

Reaction to fire: E Euroclass

Water vapour diffusion coefficient: Classe I Sd <1m
Classe I Sd<5 m

Water in mixture: 16% (% by weight)

Durability of mixture under standard conditions of R.H. and Temp: Approximately 45-50 minutes

Application temperature: From +5 to +35°C of the surface

Operating temperature: From -35 to +90°C of the substrate

Reaction time: at 20°C and 50% H

Description	<p>Fine single-component premixed mortar based on hydraulic binders, non-saponifiable resins, specific additives, anti-shrinkage agents and selected aggregates. Specifically designed for use as a thermo-reflective finish on nanotechnology thermo-finishing product, specifically in interiors. Specific fine thixotropic mortar, also suitable for restoration work on reinforced concrete, due to its anti-carbonation property.</p> <p>Standard colour: cement grey.</p> <p>Suitable as a fine mortar for levelling civil and industrial façades and preparing cement or cement-lime mortar. Suitable for surface levelling of pitted precast concrete structures or where patching and repair or reconstruction work has been carried out. Repair of damaged concrete and refurbishing of structural missing parts less than 0.5 mm thick, both vertical and ceiling/floor.</p>
Advantages	<ul style="list-style-type: none"> • High mechanical resistance to weather, industrial and marine environments. • Good resistance to aggressive chemicals. • Remarkable water resistance. Excellent workability in concrete mixers. • The product has a pH of over 12, and is free of shrinkage and bleeding. • Not suitable for thicknesses of more than 0.8 cm
Application methods	<p>The product must be applied on dust-free, consolidated substrates, free of mould, traces of release agents, oils, or detaching parts, and any old paint must be removed. Carefully mix the powder with water, and once a homogeneous mixture is obtained, apply with a trowel or smooth spatula for a maximum thickness of 5 mm in a single coat. On the still fresh product, the surface can be finished with a sponge trowel. Given the limited thickness of application, it is recommended that perfect wet curing be ensured. We do not recommend laying the product on strongly sunlit surfaces or in strong winds. Should a second coat be necessary, it is good practice to proceed before the first coat has completed setting.</p>

Preparation of walls for work on concrete	The surfaces to be treated must be clean and free from friable and/or loose parts. The metal reinforcement must be carefully brushed and passivated, and the concrete must be moistened before the treatment. Concrete surfaces can be prepared by high pressure washing (250 bar) or dry sandblasting with inert silica, or manually with metal brushes.
Warnings for use	The application temperature of the product must be between +5°C and +30°C. Do not add other materials to THIN FINER. Use a single batch of product for each individual process. Before application, check the product to ensure that the colour shade matches the order. Claims for colour deviations will not be accepted after application.
Storage stability	The product is guaranteed for one year if it is stored in its original packaging and in a dry, protected place. It is advisable to store the product at a temperature between +5°C and +35°C
Packages	25 kg sacks on pallets of 33 sacks