

MT-550 MATIPLAST

High-performance, fibre-reinforced, polymer-modified, cement-based plaster for levelling thermal insulation boards.



PACKAGING
25kg



MIXING RATIO
5.5-6.5 L/25kg



CONSUMPTION
1.5-3 kg/m²/mm

Description

MT-550 MATIPLAST is a high-performance, fibre-reinforced, polymer-modified, cement-based plaster for levelling thermal insulation boards.

Area of Use

-It is used as a base coat with reinforcing fiber-glass mesh on facade insulation boards, serving as the ideal substrate for the subsequent coat of render.

Substrate Preparation

The surface to be covered with boards should be free of dust, grease, loose particles, paints, etc. It is recommended to dampen it before application.

Application

MT-550 MATIPLAST is slowly added to water under continuous stirring, until a homogeneous paste is formed. A low-speed mixer is recommended for mixing. The mixture should be left to rest for about 5 minutes before is stirred again for a bit. MT-550 MATIPLAST is applied with a smooth trowel at a maximum thickness of 3-4 mm as a plaster. Then, a reinforcing fiberglass mesh is placed and firmly embedded into the fresh base coat layer with a trowel. Finally, the surface is smoothed out and the excess adhesive is removed.

Consumption

It consumes 1.5-3kg/m² /mm depending on the surface.

Remarks

-MT-550 MATIPLAST contains cement that reacts with moisture forming alkaline solutions, thus is classified as irritant.
-Please consult the directions for safe use and precautions written on the packaging before use.

Features



Technical Data (IN +23° C AND 50% U.R.)

Form	Powder
Colour	Grey / White
Storage	12 months when stored in the original sealed packaging in a dry place.
Mixing Ratio	5.5-6.5L of Water / 25kg
Application Temperature	(+5°C) - (+35°C)
Pot Life	3 Hours
Bulk Density of Dry Mortar	1.50 ± 0.10kg/l
Compressive Strength (EN 1015-11)	≥ 10.00 N/mm ² Class CS IV
Flexural Strength	≥ 3.50 N/mm ²
Adhesion to EPS (28 Days) (EN 998-1)	≥ 0.10 N/mm ² (EPS Failure)
Thermal conductivity (λ10,dry) (EN 998-1)	0.50 W/mK for P=50%
Capillary Water Absorption (EN 998-1)	≤ 0.2 kg/m ² min ^{0.5} W _{c2}
Water Vapour Permeability Coefficient (μ) (EN 998-1)	≤ 15
Reaction to fire (EN 13501-1)	A1
Dangerous Substances	See SDS

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THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT

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DISCLAIMER: The above technical data, information, recommendations and guidance are based on scientific and technical knowledge, laboratory studies and long experience. However, the above information is considered to be as indicative and should be reviewed in any case in relation to each specific application conditions. Consequently, the suitability of each product in any application must be evaluated after referring to the updated Technical Data Sheet and to the website www.matis-eu.com, as well as after contacting the technical support department, in case of necessity. Our company guarantees the quality of the product itself, whilst in any case the user/applicant is exclusively responsible for any undesirable failures after using the product.