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MT-280 BASECOAT

High-performance base coat render designed for manual or machine application.

PACKAGING
25kg

MIXING RATIO
6-6.5 L/25kg

CONSUMPTION
1.5-3 kg/m²/mm

Description
MT-280 BASECOAT is high-performance base coat render designed for manual or machine application.

Area of Use
-It is used as a base coat with reinforcing fiberglass 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-280 BASECOAT 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-280 BASECOAT 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-280 BASECOAT 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

EN 998-1 GP CS IV, W2

FIBER STRENGTH TECH

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.

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 $kg/m^2min^{0.5}$ 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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