



MT - 550 MATIPLAST



PACKAGE

25 kg



MIXING RATIO

6-6.5 L / 25kg



CONSUMPTION

1.7 kg/m²

Description

MT-550 MATIPLAST is a cement-based thermal insulation board plaster.

Fields of Application

-Interior and exterior walls of all buildings; adhesion of XPS, EPS and Stone Wool thermal insulation boards.

Properties

- For interior and exterior wall.
- Specially designed for thermal insulation systems and offers high flexibility and bonding strength.
- Resistant to weather, water, and impact.

Application

- Pour MT-550 MATIPLAST on the amount of clean water specified in the technical table slowly and mix to obtain a homogeneous paste free from lumps. A low-speed mixer is recommended to mix.
- Allow to stand for 5-10 minutes to mature. After remixing the paste is ready for application.
- Apply the mortar on the boards using a steel trowel. Notch the first coat of plaster with a 4x4mm tooth thickness notched trowel for homogenous thickness. Gently press and fit in reinforcement mesh using a steel trowel before the plaster mortar dries.
- Apply in 10 cm overlaps at the joints of reinforcement mesh.
- Apply the 2nd coat before the 1st coat of plaster slightly drips water.
- Smoothen the surface with a steel trowel after the 2nd coat.

Shelf Life

12 months when stored in the original sealed packing in dry place.

Storage

Store in dry medium. Do not stack more than 10 bags on top of each other.

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	6-6.5 litres of water / 25 kg
Application Temperature	(+5°C) - (+35°C)
Pot Life	3 Hours
Adhesion to the Thermal Insulation Board	Min. 0.08 N/mm ²
Water Absorption (EN 1015-18)	≤ 0.40 kg/m ² dk ^{0.5} W2
Flexural Strength (EN 1015-11)	Min. 2 N/mm ²
Compressive Strength (EN 1015-11)	Min. 6 N/mm ²
Water Vapor Permeability Coefficient (μ) (EN 1015 -19)	Min. 0.5 N/mm ²
Service Temperature Range	(-30°C) - (+80°C)
Reaction to Fire	A1
Dangerous Substances	See SDS