

MA-505 TECHNOLAST 10

High-performance, flexible, polymer-modified, two components, cement-based tile adhesive with extended open time and no vertical slip with Fibre Strength Tech.



PACKAGING

25kg+5kg



MIXING RATIO

25kg powder /
5kg liquid



CONSUMPTION

4.5-6.5 kg/m²

Description

MA-505 TECHNOLAST 10 is a high-performance, flexible, polymer-modified, two components, cement-based tile adhesive with extended open time and no vertical slip with Fibre Strength Tech. It provides high initial and final adhesion strength and moisture resistance.

Area of Use

- It is used for fixing ceramic or natural stone tiles on walls or floors, on dimensionally unstable substrates.
- It can be used for fixing or fixing large tiles as well as new tiles on old tile layers both indoor and outdoor.
- It can be used for heated flooring.
- It can be used for swimming pools.

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. Use MATIART repair mortars in case of uneven substrates, to get a flat surface. If dusty, wipe the back of the tiles with water.

Application

MA-505 TECHNOLAST 10 component A is slowly added to MA-505 TECHNOLAST 10 component B 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 10 minutes before is stirred again for a bit. To obtain a good adhesion, spread the mortar onto the substrate with the flat side of the trowel and notch with the toothed side. The notch sizes should be appropriate to the tile dimensions. Install the tiles on the notched mortar within this period with a firm pressure. Unfavourable climatic conditions (high temperature, low humidity, wind, etc.) can reduce this time. If this period is exceeded, scratch and discard the mortar. Tiles installed with MA-505 TECHNOLAST 10 must not be subject to water for at least 24 hours.

Consumption

It consumes 4.5-6.5kg/m² depending on the surface.

Features



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

Form	1 st Component - Powder 2 nd Component - Liquid
Colour	1 st Component – Grey 2 nd Component - White
Storage	12 months when stored in the original sealed packaging in a dry place.
Mixing Ratio	5 litres of liquid / 25 kg powder
Application Temperature	(+5°C) - (+35°C)
Application Thickness	Up to 10mm
Pot Life	5 Hours
Slip (EN 12004-2)	≤0.5mm
Open Time (EN 12004-2)	After 30 minutes ≥ 0.5 N/mm ²
Tensile Adhesion Strength (EN 12004-2)	
- Initial	≥ 1 N/mm ²
- After Heat Exposure	≥ 1 N/mm ²
- After Immersion in Water	≥ 1 N/mm ²
- After Freeze/Thaw Cycles	≥ 1 N/mm ²
Deformability (EN 12002)	≥ 5mm – S1 Deformable
Service Temperature Range	(-40°C) - (+80°C)
Reaction to Fire	A2s1d0
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.