



MA - 255 ADESIPRO A10



PACKAGING

25 kg



MIXING RATIO

7.75-8.25 L / 25kg



CONSUMPTION

3-5 kg/m²

Description

MA-255 ADESIPRO A10 is a high-performance cementitious adhesive with extended open time and reduced slip.

Field of Application

- Bonding ceramic tiles, mosaic and stone material
- Bonding of marble, granite, porcelain ceramic, clinker, cotto on cementitious surface and concrete.
- Bonding mosaic on substrates, without tiles slipping.
- Bonding of tiles on existing ceramic tile.

Preparation of Substrates

- Substrates must be free from oil, grease, and sufficiently dry. Cementitious substrates must be cured.
- Cracked plasters mortar and cement residues must be scraped off the surface.
- The porous surfaces should be wetted and must be left to dry before application.
- Use MATIART in case of uneven substrates to get a flat surface.
- The surface should be primed with MP-809 ACRYPRIME depending on the absorbency of the substrate before application.
- Exposed concrete surfaces should be primed with MP-819 BETOPRIME to increase the adhesion strength of tile adhesive.
- Wipe the back sides of tiles with water if dusty.

Application

- Pour 25 kg of MA-255 ADESIPRO A10 into 7.75 – 8.25L of clean water slowly and mix to obtain a homogeneous paste. Do not add any additive which is not mentioned in the instructions for the application.
- Spread the mortar onto the substrate with a notched trowel of which notch size is appropriate to the tile dimension. To guarantee a good bond, apply a thin layer of MA-255 ADESIPRO A10 on the substrate using the smooth side of the trowel and then immediately apply a second layer of MA-255 ADESIPRO A10 to form the thickness required using a notched trowel suitable for the type and size of tiles to be bonded. Application of large tiles (greater than 40x40), on existing tiles or which are subject to frost or heavy traffic, MA-255 ADESIPRO A10 should be applied also on the back of tiles. (Combined method)
- Open time is 20-30 minutes. Install the tiles within this period with a firm pressure. Unfavourable climatic conditions (high temperature, humidity, wind, etc.) can reduce this time to just a few minutes, if this period is exceeded, dispose the mortar.

Storage

- Packages should be kept dry and cool at between +5°C and +35°C and away from moisture. Avoid direct sunlight.
- Packages should be protected from water, frost, and adverse weather conditions.
- MA-255 ADESIPRO A10 can be stored for least 12 months in a dry place in original packaging.

TECHNICAL DATA (IN +23°C AND 50% RH.)

Form	Powder
Colour	Grey/White
Storage	12 months when stored in the original sealed packaging in a dry place.
Mixing Ratio	7.25-7.75 litres of water / 25 kg grey powder 7.75-8.25 litres of water / 25 kg white powder
Application Temperature	(+5°C) - (+35°C)
Application Thickness	Up to 10mm
Pot Life	4 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
Service Temperature Range	(-40°C) - (+80°C)
Reaction to Fire	A1
Dangerous Substances	See SDS