



la scelta giusta
per grandi progetti.

SCHEDA TECNICA



Al Quarzo Maxi

THICK-LAYER CEMENT
ADHESIVE FOR CERAMIC TILES



PRODUCT

High performance cement-based powder adhesive (**C1**) for thickbed laying of all types of ceramic tiles. It can be classified as C2 if mixed with Edilcol RM 100 instead of water.

CHARACTERISTICS

Al Quarzo Maxi is slip-resistant (**T**), non-toxic and frost-proof. It has extended open time (**E**), perfect adherence and workability, good flexibility and it is easy to use.

WHERE TO USE

Ceramics tiles for interior and exterior environment on horizontal and vertical supports.

SUBSTRATES

New rough plasters and cement-based screeds.

CONSUMPTION

2,0 - 5,0 kg/sqm

PACKAGING

- 25 kg bags on pallets of 1500 kg.

STORAGE

Al Quarzo Maxi can be stored 12 months in a dry place in its original packaging.

ITEM SPECIFICATIONS

Floors and walls must be laid with special one-component powder adhesive to be mixed with water, such as Al Quarzo Maxi by Edilcol Italia ranked C1 TE, according to EN 12004, and which has, after 28 days, an initial bonding $\geq 0,5$ N/sqmm and which allows the realization of thicknesses up to 20 mm.



Cert. n. 27395-2008-AQ-ITA



Cert. n. 1982-CPR-059/471



Polizza n. 70023

PREPARATION

- Make sure that the substrates are cleaned and consistent.
- Mix a bag of Al Quarzo Maxi by Edilcol with approximately 7,0-7,5 liters of water, either manually or with a mixer at a low numbers of turns, until obtaining a homogeneous and plastic mixture.
- Leave it rest for about 10 minutes then briefly remix it before applying it with a serrated spatula.

APPLICATION

- It is not recommended to wet the tiles before installing them unless they do not have very dusty reverse side.
- Tiles should be installed with a firm pressure to ensure good contact with the adhesive. The open time of Al Quarzo Maxi is 30 minutes which can be reduced due to the environmental conditions. So, before the installation of the tiles, it is therefore necessary, making sure that the adhesive is still fresh and it has not formed a skin on the surface.

RECOMMENDATIONS

For the 25x25 cm larger sizes, make a double coating.

For surfaces in gypsum, scagliola or similar, previously treat the support with Primer RM 25 following the instructions contained in the product technical data sheet.

Avoid outdoor application in very hot or windy days and/or at temperatures lower than +5 ° C or higher than +35 ° C; moreover tiling installed with Al Quarzo Maxi must not be washed or exposed to rain for at least 24 hours and must be protected from frost and strong sun for at least 5-6 days after installation. Tools should be cleaned with water, while floorings should be cleaned with a damp cloth; water can be moderately used only after a few hours after installation.

Although the details contained in this product report correspond to the best of our current experience, all the above information must be confirmed after practical applications. Anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of product. The values given in the technical data derived from tests conducted in laboratory, in a controlled environment, so they may be greatly modified by the conditions of installation.

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Appearance:	white or grey powder	
Composition:	cement, selected aggregates, resins, additives	
Particle size:	≤ 0,8 mm	
Application temperature:	+ 5°C / + 35°C	
Mixing water:	≈ 29 %	
Pot life:	≈ 8 hours	
Adjustability time:	> 45 minutes	
Adhesive thickness:	≤ 20 mm	
Ready for grouting on floors:	≈ 24 hours	
Ready for grouting on walls:	≈ 6 hours	
Set to light foot traffic:	≈ 24 hours	
Ready for use:	≈ 7 days	
Slip:	≈ 0,4 mm	(EN 1308)
	≥ 1,5 N/sqmm	(EN 1348)
Initial bonding (after 28 days):	≥ 1,0 N/sqmm	(EN 1348)
Bonding after heat exposure:	≥ 0,6 N/sqmm	(EN 1348)
Bonding after immersion in water:	≥ 0,6 N/sqmm	(EN 1348)
Bonding after freeze/thaw cycles:	≥ 0,5 N/sqmm after 30 minutes	(EN 1346)
Open time: traction adherence:	> 45 minutes	
Reaction to fire:	Class A1	(EN 13501)
Contribution of smoking:	none	
Hazard:	none	(EC 99/45)