



la scelta giusta
per grandi progetti.

SCHEDA TECNICA



K 50 Marble

SPECIAL ULTRA WHITE
CEMENT ADHESIVE



PRODUCT

Special one-component, fast-setting ultrawhite powder adhesive (**C2**) with mixed binder, for the laying of marbles, granites and natural stones.

CHARACTERISTICS

K 50 Marble is fast setting (**F**), slip resistant (**T**), with a high content of white. It has an excellent adhesion and workability, good flexibility and it is easy to use. Non-toxic, frost-proof. It improves the chemical bond with the mixing water, avoiding the formation of stains on the surface.

WHERE TO USE

Marble, granite and natural stone on horizontal and vertical surfaces for indoor-outdoor environment. Thicknesses up to 10 mm.

SUBSTRATES

New rough plasters, cement-based screeds, cured concrete, old substrates tiles and waterproofing membranes such as **Elastocem**.

CONSUMPTION

2,0 - 5,0 kg/sqm.

PACKAGING

- 25 kg bags on pallets of 1500 kg.

STORAGE

K50 Marble can be stored 12 months in a dry place in its original packaging.

ITEM SPECIFICATIONS

Floors and coatings must be laid with specific one-component powder adhesive with mixed binder, ultra white, to be mixed with water, such as K 50 Marble by Edilcol Italia ranked C2 FT according to EN 12004, allowing an installation with thicknesses up to 10 mm and that present, after 28 days, an initial bonding $\geq 1,5$ N/sqmm.



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 K50 Marble by Edilcol with approximately 6,5-7,0 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.
- The mixture should be used within 30 minutes.

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.

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.

DATI TECNICI

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Appearance:	white powder	
Composition:	cement, selected aggregates, resins, additives	
Particle size:	≤ 0,8 mm	
Application temperature:	+ 5°C /+ 35°C	
Mixing water:	≈ 28 %	
Pot life:	≈ 30 minutes	
Adjustability time:	≈ 30 - 40 minutes	
Adhesive thickness:	≤ 10 mm	
Ready for grouting on floors:	≈ 4 hours	
Ready for grouting on walls:	≈ 2 hours	
Set to light foot traffic:	≈ 4 hours	
Ready to use:	≈ 24 - 48 hours	
Initial bonding:	≥ 1,5 N/sqmm	(EN 1348)
Bonding after heat exposure:	≥ 1,0 N/sqmm	(EN 1348)
Bonding after immersion in water:	≥ 1,0 N/sqmm	(EN 1348)
Bonding after freeze/thaw cycles:	≥ 1,0 N/sqmm	(EN 1348)
Early traction adhesion (6 hours):	≥ 0,5 N/sqmm	(EN 1348)
Open time: traction adherence	≥ 0,5 N /sqmm after 10 minutes	(EN 1346)
Resistance to fire:	Class A1	(EN 13501)
Contribution of smoking:	none	
Hazard:	none	(EC 99/45)