



la scelta giusta
per grandi progetti.

SCHEDA TECNICA



K 50 Planiflex

SPECIAL SELF-
BACKNUTTERING CEMENT
ADHESIVE



PRODUCT

Special single-component self-powder adhesive (**C2**) with mixed binder for the laying of all types of ceramic tiles and natural stones.

CHARACTERISTICS

K50 Planiflex is fast setting (**F**), non-toxic and frost-proof. It has perfect adherence and workability, good flexibility, fluidity and it is easy to use.

WHERE TO USE

Non-absorbent ceramic and vitified tiles, natural stones for interior and exterior environment on horizontal and vertical supports. Suitable for the laying of bigger size format, without the need to use the double coating, with thickness up to 20 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 Planiflex can be stored 12 months in a dry place in its original packaging.

ITEM SPECIFICATIONS

Floors and coatings must be laid with special full contact one-component powder adhesive with mixed binder, to be mixed with water, such as K 50 Planiflex by Edilcol Italia ranked C2 F according to EN 12004, which has, after 28 days, an initial bonding $\geq 1,5$ N/sqmm allowing the laying of large-format with a 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, consistent, flat and sufficiently dry.
- Mix a bag of Edicol K50 Planiflex with approximately 6,5 - 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 few minutes then briefly remix it before applying it with a serrated spatula with thicknesses up to 20 mm without using a double coating.
- The mixture should be used within 30 minutes.

RECOMMENDATIONS

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. When the substrates are strongly absorbent and / or the temperature is really high, it is recommended to dampen the substrate in order to extend the open time before applying K50 Planiflex. Avoid outdoor application in very hot or windy days and/or at temperatures lower than +5 °C or higher than +35 °C. Tiling installed with K50 Planiflex must not be subject to be washed or exposed to rain for at least 4 hours and must be protected from frost and strong sunlight for at least 24 hours after installation. Tools should be cleaned with water, while surfaces should be cleaned with a damp cloth; water can be moderately used only after a few hours after the 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.

DATI TECNICI

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Appearance:	grey 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:	≤ 20 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 (28 days):	≥ 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)
Bonding after 6 hours:	≥ 0,5 N/sqmm	
Open time: traction adherence	≥ 0,5 N/sqmm after 10 minutes	(EN 1346)
Reaction to fire:	Class A1	(EN 13501)
Contribution of smoking:	none	
Hazard:	none	(EC 99/45)