

EASY SET 80

High quality white polymer-modified tile adhesive



DESCRIPTION

High quality, polymer-modified, cement-based, white tile adhesive, modified with aggregates and special additives for zero vertical slip and extended open application time. Suitable for substrates requiring high adhesion of absorbent and non-absorbent tiles, on horizontal or vertical surfaces.

CE marked and according to EN 12004 classified as C2 TE adhesive.

CHARACTERISTICS/ADVANTAGES

- Excellent adhesion even on demanding substrates
- Zero vertical slip of the tiles during their installation
- Extended open time
- High resistance to temperature fluctuations (heat-cold) and humidity
- Easily application
- Excellent workability

Also is suitable for fixing the following types of tiles:

- Absorbent and non-absorbent tiles, small to medium dimensions
- Marbles and mosaics

- Artificial and natural decorative stones
- Artificial and natural granite tiles
- Cotto tiles, klinker tiles
- Gres porcelanato tiles
- Glass tiles

FIELDS OF APPLICATION

EASY SET 80 shows strong adhesion to all standard substrates (e.g. concrete, cement mortar, floors with old coatings, aerated concrete, plaster, brick wall etc.).

Also is suitable for fixing both absorbent and non-absorbent tiles, clinker-type tiles, natural and artificial decorative stones etc, on vertical and horizontal surfaces where high adhesion and resistance to moisture are required. Suitable for indoor or outdoor use.

SPECIFICATIONS

CE marked and classified as improved cementitious adhesive with reduced slip and extended open time, for internal and external tiling, C2TE, according to EN 12004:2007.

PRODUCT INFORMATION

Composition	Portland cement, selected granulometry aggregates, special additives and polymers
Appearance/Colour	Powder, white
Packaging	25kg bag - 1.500 kg pallet (60 bags)
Storage conditions	In the original, closed, sealed and undamaged packaging, protected from direct sunlight and frost, at temperatures between +5°C and +35°C

TECHNICAL CHARACTERISTICS

Specific gravity of wet mortar:	~ 1,58 kg/lit (+20°C)	
Slip	<0,5 mm	
Adhesion strength:		
Average values based on production control laboratory tests:		
On concrete after 28 days:	1.6 N/mm ²	(EN 1348)
After heating at 70°C:	1.5 N/mm ²	(EN 1348)
In water:	1.5 N/mm ²	(EN 1348)
After 25 cycles of freezing - thawing:	1.3 N/mm ²	(EN 1348)
Open time for application:	30 -40 minutes	
Time for minor corrections:	10 minutes	

APPLICATION INFORMATION

Substrate temperature	+5°C / +35°C
Environmental temperature	+5°C / +35°C
Mixing ratio	For a 25 kg bag, add approximately 7 liters of clean water
Consumption	2.5 – 4.0 kg/m ² , depending on the size and type of tile.

DIRECTIONS OF USE

SUBSTRATE PREPARATION

Check that the substrate is clean, dry and free from loose particles and other materials.

- If the substrate is unstable or crumbles, then it is recommended to prime the surface with MARMOLINE MST 11 acrylic water based primer.

APPLICATION

- Mix EASY SET 80 25 kg with the necessary quantity of water 7lt, using an electric mixer at low speed, until a homogeneous, lump-free mixture is obtained.
- Leave the mixture to set for 5-10 minutes and stir again
- Spread with a notched trowel; choose the size according to the type of tile and the substrate.
- Tiles must be fixed within 30 minutes after applying the adhesive and definitely before it skins-over.
- The adhesive remains workable in the pot for 3 to 4 hours, depending on the season, temperature and humidity of the environment. When the adhesive begins to set, stir again without adding water.
- Proceed to joint-filling after 24 hours, for floors and 12 hours, for walls.

TOOLS CLEANING


The tools are cleaned with hot water and soap.

HEALTH, SAFETY & ENVIROMENTAL PROTECTION

Detailed information and instructions regarding the safe management of the product and in matters of Health & Safety, are provided in the most recent Safety Data Sheet (SDS), copies of which are available on the company's website www.marmoline.gr or upon request.

LEGAL NOTICE

We guarantee the quality of all our products, on the basis of their technical specifications, as described in the Declaration of Performance (CE) and this technical data sheet. Such guarantee refers only to the products that we deliver for use and never to its application or final result, which largely depend on the experience and quality of work of each user and on the application conditions. The user is advised to test the product on a small scale, and if he is satisfied with the result, then to use the product on large scale in his project. This edition of technical data sheet automatically cancels any previous version

 22 DoP: 087 MARMO-CPR	
NORDIA SA 364 Kifissias Av., 15233 Chalandri, Athens, Greece	
EN 12004:2007+A1:2012 MARMOLINE EASY SET 80 Improved cementitious adhesive for tiles with reduced slip and extended open time	
Initial tensile adhesion strength:	≥ 1N/mm ²
Tensile adhesion strength after heat ageing:	≥ 1N/mm ²
Tensile adhesion strength after water immersion:	≥ 1N/mm ²
Tensile adhesion strength after freeze/thaw cycles:	≥ 1N/mm ²
Reaction to fire:	A2-s1,d0
Release of dangerous substances:	See product's SDS
see detailed DoP in https://marmoline.gr	