

ARMORFIX 110

Tile Adhesive for Vitrified Tiles and natural stones

Product Description:

ARMORFIX -110 is a high performing, polymer modified cementitious based tile adhesive. It is specifically engineered for fixing of vitrified tiles, ceramic tiles and porous natural stones on walls and floors and old tiled surfaces. It is suitable for tile on tile application and direct application on other flooring materials.

Advantages:

- High adhesive tensile strength
- It has excellent adhesion on vertical surfaces.
- Easy to mix and apply
- Non sag properties with high initial adhesiveness
- Greater workability due to high pot life
- Tiled floor can be made available for traffic in 24 hours.

Uses:

For the installation of floor and wall vitrified tiles, ceramic tiles and porous natural stones on walls and floors and old tiled surfaces.

Surface Preparation:

The substrate must be fully cured and well prepared, it must be sound, clean, structurally stable, free from dirt, loose particles, efflorescence, chemicals and other contaminants, in order to ensure proper bonding.

Application Instruction:

Pour ARMORFIX-110 into a clean plastic or metal bucket containing clean water, pour adequate quantity of ARMORFIX-110 that can be used within the pot life of 3 hours. 20kg of ARMORFIX -110 requires approximately 4 litres of water. Stir with a mixing device or by hand. Let the mixture rest for 2-3 minutes and restart briefly before application. No further water should be added after mixing. Please note that ARMORFIX-110 should be poured into water and not water poured into ARMORFIX to achieve optimum performance.

Application and Installation:

Spread ARMORFIX -110 tile adhesive mortar evenly over 1m² area at a time using a notched trowel. Fix tiles immediately within the open time of 20 minutes. Please be sure that all areas are covered with ARMORFIX -110 tile adhesive.

Coverage:

For thin solid bed application (3mm thickness) 4-5kg of ARMORFIX -110 will cover approximately 1m²

Packaging:

Available in 20kg bags and buckets

Technical Information:

Exceeds the requirements of BS EN 12004 for C2T

Bed thickness	3 – 6 mm (may be exceeded in small areas only)	Coverage (approx.)
Coverage (approx)		9 kg/m² (solid bed, 6 mm thick) 4.5 kg/m² (solid bed, 3 mm thick)
Setting Time : Initial setting time : 180-220 mins, Final setting time : 300-360 mins		
Open time	20 minutes	
Working time (pot life)	3 hours	
Set time	18-24hours	
Temperature resistance	-10 to 100°C and frost resistant when set	
Water addition	4 litres per 20 kg	
Slip Resistance@20kg/Sqm	0mm	

Note: setting times are quoted at 20°C - 30°C and are temperature and humidity dependent.

Cleaning and Health:

Remove the excess mortar on tools with copious amount of water; if already dry you can remove through mechanical means. Also prolonged contact with skin may occur as it is the case with all cementitious based material, therefore safety gloves and glasses should be used when working.

Shelf Life:

Store in a cold dry place. With proper storage material can be stored and used within 12 months.

Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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