

ARMORFIX 115

SLIP RESISTANT FAST SET HEAVY DUTY TILE ADHESIVE

PRODUCT DESCRIPTION

ARMORFIX -115 is a heavy duty, Slip resistant and water repellent cement based ceramic tile adhesive. It is suitable for thin and thick bed applications, internal and external applications. ARMORFIX -115 enables the same day fixing and grouting.

It is suitable for the fixing of ceramic tiles on floor and wall of concrete, concrete block and cement render. It can also be used for the fixing of glass mosaic, stone marble, Pre-cast concrete facings, terrazzo and brick slips. When used, Armor primer 106 can also be used for fixing tiles on gypsum plaster, plaster board, chipboard and wood. It is suitable for use in Swimming pools as well.

BENEFITS

- High adhesive tensile strength.
- Because of the impressive slip resistant ability, it can be used for vertical and horizontal placement of large tiles.
- Fast curing time, grouting can be carried out the same day immediately.
- Conforms to EN 12004 Class C2TF.
- Compensates changes in temperature and elongations of the substrate.
- Non sag properties with high initial adhesiveness.
- Greater workability due to high pot life.
- Impressive waterproof properties.

USES

- For the installation of floor and wall ceramic tiles,
- Glass mosaic.
- Stone marble.
- Terrazzo, and Brick slips.
- Plaster boards.
- Gypsum plaster.
- Plasterboard and wood.

SURFACE PREPARATION / APPLICATION

Surface Preparations:

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.

Freshly installed cement screeds must not have residual moisture content above 5 %. Concrete, screeds, renders, and block work should be cured sufficiently to allow for most of the shrinkage movements. Tiles must be dry, and their surfaces free of contaminants that could impair adhesion. Do not soak tiles in water before laying.

Mixing

Pour A R M O R F I X -115 into a clean plastic or metal bucket containing clean water, pour adequate quantity of ARMORFIX-115, that can be used within the pot life of 4 hours. 20kg of ARMORFIX -115 requires approximately 4 litres of water. Stir with a mechanical stirrer until a plastic, lumps free consistency is achieved. Let the mixture rest for 10-15 minutes and restart briefly before application. No more water should be added after mixing.

Application

Spread ARMORFIX -115 tile adhesive mortar evenly over 1m² areas at a time using a notched trowel. Fix tiles immediately within the open time of 20minutes. Please be sure that all areas are covered with ARMORFIX -115 tile adhesive.

Position tiles in the adhesive bed and align with a slightly pushing motion, ensuring the tile back achieves full contact with the adhesive.



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TILING SOLUTION

COVERAGE

For thin solid bed application (3mm thickness) 4-5kg of ARMORFIX -115 will cover approximately 1m².

PACKAGING

20kg bags and buckets. Store in a cold dry place. With proper storage material can be stored and used within 12 months.

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.

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 express 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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Test Property	Results	Test methods
Conforms to C2 F S2 to BS EN12004		En12004
Minimum tensile Adhesion strength		
28 days dry	≥1mpA	
28 days wet	≥1mpA	
Slip resistance	≤0.5mm ²	
Transverse deformation	2.5mm and ≤5mm	
Working Principles		
Open time	40 minutes	
Pot Life	2 hours	
Traffic time	24 Hours	

