

# ARMORFIX 112

## High Performing Fast Set Tile adhesive

### Product Description:

ARMORFIX -112 is a high performing, fast setting, and waterproof cement based tile adhesive. It is suitable for thin and thick bed applications, internal and external applications.

It is suitable for the fixing of porcelain and 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, Precast concrete facings, terrazzo and brick slips. When used with Armor primer 106, it 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. It is specifically suitable for projects with tight schedules requiring grouting within 4 hours.

### Advantages:

- ) High adhesive tensile strength
- ) Fast curing time, grouting can be carried out the same day within 3-4 hours
- ) Conforms to BS EN 12004 Class C1 FT
- ) 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:

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 -112 into a clean plastic or metal bucket containing clean water, pour adequate quantity of ARMORFIX-112, that can be used within the pot life of 4 hours. 20kg of ARMORFIX -112 requires approximately 4 litres of water. Stir with a mixing device or by hand. Let the mixture rest for 10-15 minutes and restart briefly before application. No more water should be added after mixing.

### Application and Installation:

Spread ARMORFIX -112 tile adhesive mortar evenly over 1m<sup>2</sup> areas 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 -112 tile adhesive.

**Coverage:**

**For thin solid bed application (3mm thickness) 4-5kg of ARMORFIX -112 will cover approximately 1m<sup>2</sup>**

**Packaging:**

Available in 20kg bags and buckets

**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.

**Technical Data:**

Test Property	Results	Test methods
28 days cure tensile adhesive strength	1.8 – 2.6mpa	BSEN 12004
14 days cure, 14 days age tensile adhesive strength	1.3 – 1.5mpa	
Slip resistance	≤0.5mm	
Transverse deformation	≥2.5mm but ≤5mm	
<b>Working Principles</b>		
Pot Life and working time	30 minutes	
Initial set time	Approximately 5 hours	
Final set time grouting	4 hours	

### Limited Warranty

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