



FLOOR AND WALL TILE ADHESIVE

Normal Set Tile Adhesive

- Economical cement-based adhesive
- Indoors & Outdoors
- Good adhesion strength

DESCRIPTION

FLOOR AND WALL TILE ADHESIVE is a cement-based ceramic tile adhesive for the fixing of ceramic tiles to cement-rendered walls, concrete or sand and cement topped floors.

FLOOR AND WALL TILE ADHESIVE is recommended for fixing quarry tiles, slate and ceramic tiles (>6% moisture absorption).

For internal and external use.

TYPICAL APPLICATION

- On glazed and unglazed tiled surfaces
- Wet areas e.g. shower rooms, kitchens, bathrooms
- Slates, terracotta and quarry tiles

SUBSTRATE PREPARATION

The surface being adhered to must be clean, firm and free of dust, dirt, oil, grease, curing compounds, release agents and other barrier materials, as well as being strong enough to support the weight of the tiles being fixed. Ensure surfaces are dry before tiling, with no residue or permanent damp. Ensure that the substrate's required drying time is achieved and allowed to elapse prior to fixing the tiles.

Prime porous substrates with MULTIPURPOSE PRIMER AND ADDITIVE.

Note also: showers or similar wet areas should be waterproofed with ABA Waterproofing products.

MIXING

A 25kg bag of FLOOR AND WALL TILE ADHESIVE requires 5-6L of water.

Add the powder to clean water in a clean container whilst stirring vigorously with electric power drill and mix thoroughly for 2 minutes until a smooth slump-free consistency is produced.

Allow to stand for 2 minutes before restirring the mixture thoroughly and the adhesive is ready for use.

The consistency of the adhesive can be adjusted to suit the site conditions and size, weight and type of tiles to



be fixed. The pot life is approx. 3 hours at 23°C and 50% RH.

APPLICATION

Before fixing, ensure the substrate has been prepared and the tiles are free from dust. Substrate surface, type and size of the tiles determine the selection of the trowel. As a general guide use a 6 x 6 x 6 mm notched trowel for wall and a 10 x 10 x 10 mm notched trowel for floor tiling.

FLOOR AND WALL TILE ADHESIVE can be applied to a bed thickness greater than 3 mm or less than 10 mm. Immediately after mixing, spread the adhesive paste onto the prepared substrate. Do not spread more than can be tiled within 10 - 15 minutes. For improved adhesion on surfaces, first apply a skim coat of adhesive using a flat edge trowel. Comb fresh adhesive onto wet skim coat. The tiles must be pressed into the freshly combed mortar bed to ensure good contact with the mortar. Slide the tiles at right angles to the notch pattern to ensure 100% coverage on the back of the tile.

Tiles with ribbed or keyed back profiles should also be buttered to the back of the tile to ensure complete coverage. Lift a tile from time to time to check that there are no voids beneath the tile. Do not spot fix. Any surplus adhesive must be removed from the surface of the tile and joints, before the adhesive sets.

Do not use if surface temperature is less than 5°C or more than 35°C.

FLOOR AND WALL TILE ADHESIVE has an adjustability time of 10 - 15 minutes. Please be aware of site conditions when considering these times and only spread enough adhesive so that the tiles can be fixed while the mortar is still wet. All tools should be cleaned with water immediately after use.

MOVEMENT JOINTS

Movement joints must be in accordance with standard code of practice. For high movement areas, the movement joint interval should be reduced to 4 m.

GROUTING

Grouting can proceed once the tile bed has hardened sufficiently so that tiles will not be dislodged. Grouting may be allowed after approx. 24 hours at 23°C and 50% RH.

Remove spacers and use COLOURED GROUT adding MULTIPURPOSE PRIMER AND ADDITIVE to enhance colour, impart a degree of flexibility and to reduce porosity and staining.

COVERAGE

Approx. 3 kg of FLOOR AND WALL TILE ADHESIVE per m² using a 6 x 6 x 6 mm notched trowel. The coverage varies depending on substrate condition, tile type and application technique.



DRYING TIME

Approximately 24 hours, at 23°C and 50% relative humidity. Allow longer for dense tiles/substrates, humid climates and low temperatures.

LIMITATIONS

- Do not use FLOOR AND WALL TILE ADHESIVE for continuous immersion applications
- Do not use FLOOR AND WALL TILE ADHESIVE over timber floors
- Do not use FLOOR AND WALL TILE ADHESIVE over concrete slabs subject to shrinkage and other movement
- When fixing tiles with water absorption less than 6% and for external application, use with MULTIPURPOSE PRIMER AND ADDITIVE

TECHNICAL DATA

Colour	Grey
Form	Powder
Application properties at 23°C and 50% RH:	
Wet density	1.69kg/m ²
Adjustability time	10-15 minutes
Open time	approx. 10 minutes
Grouting time	24 hours
Pot life	3 hours
Mechanical properties, Tensile Strength after:	
- standard aging	≥ 0.5 N / mm ²

PACKAGING

FLOOR AND WALL TILE ADHESIVE is packed in 25kg bags.

STORAGE & SHELF LIFE

FLOOR AND WALL TILE ADHESIVE has a shelf life of 12 months if kept in a dry store between 10°C and 30°C with 50% RH, in the original unopened containers.

The product should be stored away from direct sunlight and sources of heat.

CLEAN-UP

All tools should be cleaned with water immediately after use.

SAFETY PRECAUTIONS

This product is considered non hazardous in normal use. The presence of cement in the product gives an alkaline mortar which may cause some irritation if prolonged contact with skin takes place. Avoid contact with skin and eyes. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable gloves and eye protection and keep the product out of reach for children. Avoid generation of airborne dust during mixing. If swallowed, do not induce vomiting, give a glass of water and contact a doctor. For further safety data, consult the latest Material Safety Datasheet available upon request and online at www.aba-sea.com.

DISCLAIMER

The technical datasheets are based on the latest information and given in good faith and represent the best of our knowledge and experience at the time of printing. They are primarily offered for user's consideration and evaluation. It is the responsibility of the user to conduct their own tests to validate the suitability of the products. It is also the responsibility of the user to ensure that the products are used and handled correctly and in accordance with any applicable standards, the product instructions and recommendations and only for the uses they are intended. As we have no control over site conditions and the execution of the work, we accept no liability for any loss or damage which may rise as a result thereof. We also reserve the right to update the information at any time without prior notice to you to reflect our ongoing research and development program.