



SpEC Waterproof Mortar

CEMENTITIOUS WATERPROOF TILE ADHESIVE

DESCRIPTION

SpEC Waterproof Mortar is a cementitious mortar, which is particularly suited for the interior and exterior fixing of ceramic tiles and other such materials in, for example, swimming pools, or in other permanently submerged or high risk conditions. The material provides an excellent bond and a waterproofed bed for tiling.

TYPICAL USES

SpEC Waterproof Mortar is designed to provide permanent fixing for rigid materials, such as ceramic tiles, stone cladding, brick slips, glass mosaics, insulation boards and acoustic boards.

ADVANTAGES

- High bond strength
- Excellent waterproof characteristics
- Suitable for use onto a variety of substrates
(Consult our technical department for details)

RELEVANT STANDARDS

BS5980 Type 1 Class AA

BS5385 Part 1

ANSI 118-1

TECHNICAL DATA

Pot life @ 25°C	45 minutes
Colour	grey and white

APPLICATION INSTRUCTIONS

Preparation

The substrate surface must be clean and dust free. All contaminants such as friable material, grease and oil should be completely removed.

Mixing

4.0 to 4.5 litres of water are required for each 25kg bag of **SpEC Waterproof Mortar** depending on the consistency required.

Generally, the lower water addition would be used for vertical application and the higher water addition for horizontal application.

Pour the measured volume of water into an appropriately sized plastic or metal drum. The powder is added to the water slowly whilst mixing with a spiral paddle attached to a slow speed electric drill. Mixing should continue for a minimum of 5 minutes until a uniform, lump free consistency is produced. Allow the product to stand for 10 minutes. Remix for 1-2 minutes prior to using.

Application

Apply **SpEC Waterproof Mortar** at a depth of 3-6mm into a working area not exceeding 1m².

For ceramic floor tiles, decorative stone cladding and in wet conditions in general, solid-bed fixing is recommended. In other situations, the adhesive may be combed with a notched trowel prior to fixing.

Press the dry tiles into place using a twisting action to ensure good contact with the adhesive. Tapping with a rubber hammer ensures good contact with the adhesive. Remove any excess adhesive from the surface of the tiles with a damp cloth prior to the material setting.

Allow **SpEC Waterproof Mortar** to cure for a minimum of 24 hours before attempting further grouting of joints between ceramic wall/floor tiles. After fixing ceramic floor tiles, no traffic should be allowed for a minimum of 4 days.

EQUIPMENT CLEANING

Tools and equipment should be cleaned immediately using water, as on hardening the material may only be removed mechanically.

PACKAGING AND YIELD

SpEC Waterproof Mortar is supplied in 25kg packs, each pack produces approximately 15.5 litres of mixed material.

Coverage

Solid bed fixing: 3-6 litres/m² @ 3-6mm depth
(A 25kg bag will provide sufficient mixed materials for 2.25 - 4.5m²).

Notched trowel fixing: 1.5 litres/m² @ 3mm combed finish (A 25kg bag will provide sufficient mixed material for 9m²).

STORAGE & SHELF-LIFE

The material has a shelf life of 12 months when stored off the ground in dry and cool conditions.
Discard any open or damaged bags.

HEALTH AND SAFETY

SpEC Waterproof Mortar contains alkalis and protection should be provided to prevent contact with skin and eyes. Inhalation of dust must be avoided whilst mixing. Gloves, goggles and a dust mask must be worn.

Eye contact

Rinse with copious amounts of clean water and seek medical attention.

Skin contact

Rinse with copious amounts of clean water followed by thorough cleaning with soap and water.
DO NOT USE SOLVENTS.

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Whilst the information and/or specifications given are, to the best of our knowledge, true and accurate, no warranty is given or implied in any connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use and labour involved are beyond our control.

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