

SpECTite WTA

CEMENTITIOUS WATERPROOF TILE ADHESIVE

DESCRIPTION

SpECTite WTA is a cementitious adhesive which is particularly suited to 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 waterproof bed for tiling.

TYPICAL USES

SpECTite WTA is designed to provide permanent fixing for rigid materials, such as ceramic tiles, stone cladding, slip bricks, glass mosaics, insulation and acoustic boards.

ADVANTAGES

- High bond strength
- Excellent waterproof characteristics
- Suitable for use onto a variety of substrates

RELEVANT STANDARDS

ANSI 118

TECHNICAL DATA

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

APPLICATION INSTRUCTIONS

Preparation

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

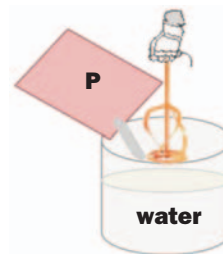
Pre-soak the substrate but ensure that no standing water remains.

Mixing

SpECTite WTA is a one-component cementitious adhesive.

4.75 to 6.0 litres of water are required for each 25kg bag of **SpECTite WTA** 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 should be 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 15 minutes. Remix for 1 - 2 minutes prior to using.

Application

Apply **SpECTite WTA** 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 the **SpECTite WTA** 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 @ 25 °C.

EQUIPMENT CLEANING

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

PACKAGING AND YIELD

SpECTite WTA is supplied in 25kg packs, each pack produces approximately 15.5 litres of mixed material, but will depend on the water addition used.

Coverage

Solid bed fixing 3-6mm depth (3 - 6 litres/m²) @ 3 - 6mm a 25kg bag will provide sufficient mixed materials for 2.5 - 5.0m².

Notched trowel fixing 3mm depth) 1.5 litres/m²) @ a 3mm combed finish a 25kg bag will provide sufficient mixed material for 10.0m².

HEALTH AND SAFETY

SpECTite WTA 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.

Issue 9: 05/2011

QA-054

Whilst the information and/or specifications given are, to the best of our knowledge, true and accurate, no warranty is given or implied in 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.

If it is proven that the product does not perform as described in our TDS, SpEC's liability extends solely to the free replacement of product, once the claim has been accepted after due investigation by SpEC. SpEC will not entertain any claims involving any form of consequential costs or damages such as shipping costs, custom duties, damages to third parties, damages to structures, penalties from delay of a project or any other form of consequential damage.

SPECIALITY ENGINEERING CHEMICALS

PO Box 61347, Dubai, United Arab Emirates. Telephone: +971 4 883 6662, Fax: +971 4 883 7696

E-mail: info@spec.ae; Skype ID: [spec.sales](https://www.skype.com/en/contacts/voice/spec.sales)

www.spec.ws