

SpEC Tiling Adhesive

PVA BASED ADHESIVE FOR CERAMIC TILES AND LIGHTWEIGHT BOARDS

DESCRIPTION

SpEC Tiling Adhesive is a ready-to-use thin-bed PVA adhesive for installation of ceramic tiles on a variety of interior surfaces, including domestic bathrooms and kitchens. For exterior applications or areas under permanent water immersion, we recommend use of **SpEC Latex WTA**.

TYPICAL USES

SpEC Tiling Adhesive may be used as thin-set adhesive for interior installation of ceramic wall tiles and light weight insulation and acoustic boards on:

- Concrete
- Sand/cement and gypsum plaster
- Brickwork
- Plywood
- Plasterboard (drywall)
- Old tiles (see Application section)

ADVANTAGES

- Good workability
- Ready to use - no adding/mixing required
- Can be applied to damp surfaces and immediately after plastering

RELEVANT STANDARDS

SpEC Tiling Adhesive conforms to BS 5385 Part 1.

TECHNICAL DATA

Form	Creamy paste
Specific gravity	1.55
Color	Off-white
Surface film forming time	5-10 min
Curing time	24 hours

APPLICATION

Surface preparation

Substrates should be structurally sound and free from dust, dirt, grease, oil, sealers, old coatings and curing

compounds prior to the application of **SpEC Tiling Adhesive**. All protrusions must be removed and holes, cracks and other damaged areas should be made good using proprietary repair materials.

Dry cementitious surfaces must be wetted down with clean water before applying the product, but remove any excess water from the surface. Gypsum, plywood and other surfaces must be dry before tiling. Old glazed tiles must be thoroughly cleaned and primed with **SpECbond PVA** - refer to the data sheet for detailed instructions.

Application

Apply **SpEC Tiling Adhesive** to a depth of 3mm on a working area of not over one square metre at a time. Using a 6mm notched trowel, spread to form horizontal ribs before fixing tiles. Press dry tiles into place with a twisting motion to ensure good contact (at least 75%) with the adhesive and tap into place. Remove any excess adhesive from the face of tiles with a damp cloth before it sets. Tiles must be adjusted while fixing into place; do not readjust after this time. Leave to cure for a minimum of 24 hours before grouting.

Lightweight Boards: Use the procedure described above, but apply the adhesive to the entire area that will be covered by a single board.

Notes on Installation:

- Ensure the substrate is not subjected to movement or drying out after fixing tiles, as this may result in loss of bond.
- Do not overspread the adhesive and work with small areas that can be tiled before the adhesive skins over.

Movement Joints: Provide movement joints in tiled areas as per local standards or to BS 5385.

EQUIPMENT CLEANING

Tools and equipment should be cleaned immediately using water. Cured material may be removed mechanically.

PACKAGING & YIELD

SpEC Tiling Adhesive is supplied in 5 litre and 25 litre containers. When used as described above, one litre of adhesive will cover 1-2m² depending on the surface conditions.

STORAGE & SHELF LIFE

SpEC Tiling Adhesive has a shelf life of 12 months when stored off the ground in dry and cool conditions under shade. Discard any open or damaged packs.

HEALTH & SAFETY

Provide adequate ventilation when using **SpEC Tiling Adhesive**. Protection should be provided to prevent contact with skin and eyes. Skin contact shall

be washed immediately with soap and water. Contact with eyes shall be washed immediately with copious amounts of clean water, followed by medical attention.

Dispose of all waste in accordance with the local environmental regulations.

Other SpECtite Tile Products:

- **SpECtite WTA** - Cementitious waterproof tile adhesive
 - **SpEC Rainbow Grout** - Cementitious tile grout (standard and Wide Joint grades)
 - **SpEC Rainbow Grout LM** - Polymer modified cementitious tile grout (standard and Wide Joint grades)
 - **SpECtite ETA** - Chemical resistant epoxy tile grout
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