

Tilex[®] V100

Tile Adhesive for Use in Porous surfaces

Uses

Tilex V100 is a high quality adhesive for the permanent fixing of ceramics and tiles in floors or walls. It can also be used for fixing of insulating and acoustic boards based on expanded polystyrene etc.

Typical uses include:

- Dry areas - rooms, corridors & halls
- Wet areas - kitchens, WC and bathrooms

Advantages

- Can be used in wall and floor
- Suitable for use in Middle East conditions
- Good open wet time
- Good slip resistance
- High adhesive bond strength
- Water resistant
- Can be used in totally submerged conditions

Standards compliance

Tilex V100 conforms with EN 12004 class C2TES1.

Description

Tilex V100 cementitious based powder is available in grey or white colour.

Properties

| | |
|---------------------------|-----------------------------------------|
| Appearance | White & Grey Powder |
| Specific gravity | Typically 1.5 gr/cm ³ @ 20°C |
| Open time (25°C) | Approx. 20 min |
| Tensile adhesive strength | ≥ 1.0 N/mm ² |

Instructions for use

Surface preparation:

All surfaces must be sound and thoroughly clean before Tilex V100 is applied. All traces of grease, oil and loose particles of mortar, old wallpaper, paint etc. must be physically removed.

Surfaces:

Tilex V100 can be applied directly on concrete, cement screeds, and cement or lime mortar. Special attention must be given to new construction prior to commencing tiling. Tiles should not be placed on concrete or blockwork until all shrinkage movement has taken place.

Mixing:

A slow speed drill fitted with a suitable mixing paddle and mixing vessel of minimum 30 litre capacity are recommended.

Measure out 5 litres of clean water into the mixing vessel. Add the powder component to the mix and continue mixing for 2 to 3 minutes until a uniform, lump-free consistency is achieved.

Application:

Once mixed, Tilex V100 is typically spread on the substrate

to a uniform thickness of 2 – 6 mm. This is then combed horizontally.

Place tiles firmly into adhesive bed ensuring good contact with a twisting motion. Only apply to areas which can be tiled in the adhesive's open wet time (up to 1 m² at a time).

Joints:

It is recommended that when fixing ceramic tiles, a minimum Spacing of 2 mm be left around each tile.

Finishing:

Remove excess adhesive with a damp cloth before material has set.

Cleaning:

Tilex V100 should be removed from tools, equipment and mixers with clean water immediately after use.

Cured material can only be removed mechanically.

Grouting:

Grout installation should be after a minimum of 24 hours curing time at 25°C.

Limitations

- Tilex V100 should not be used when the temperature is below 5°C and falling.
- The product should not be exposed to moving water during application.

Packaging

Tilex V100 is available in 20 kg bags.

Storage

Tilex V100 has a minimum shelf life of 12 months at 35°C if kept in a dry store in the original, unopened packs. The shelf life will be reduced at higher ambient temperatures.

Precautions

Health and safety:

Tilex V100 is alkaline and should not come into contact with skin and eyes. Avoid inhalation of dust during mixing. Gloves, goggles and dust mask should be worn. If contact with skin occurs, wash with water. Splashes to eyes should be washed immediately with plenty of clean water and medical advice sought.

Fire:

Tilex V100 is non-flammable.