

EmO Seal TA 100

Readymade Acrylic Tile Adhesive

USES

Used for the permanent fixing of ceramic wall tiles and expanded polystyrene tiles to most internal surfaces.

- Suitable substrates include brick, gypsum plaster; sand cement renders and plasters old tiles, glazed bricks, etc.

Typical applications & Advantages

- Excellent grab & adhesion.
- No soaking of tiles required.
- Tile from any position on wall.
- Slip resistant, no battens required.
- Long open time, single component, no mixing.

Standard Compliance

EmO Seal TA 100 complies with the requirements of the following standards

BS 5980 Type 2 Class B

ANSI A.136.1

Product Description

EmO Seal TA 100 is an off-white ready mixed tile adhesive used for the permanent fixing of ceramic wall tiles and expanded polystyrene tiles to most internal surfaces. **EmO Seal TA 100** should not be used in areas subject to

standing water such as swimming pools and industrial showers and is not suitable for floors in external applications.

Typical Properties

Appearance : Off White paste

Specific Gravity @ 25 °C : 1.70

Coverage : 1m²/litre

Technical Support

ELMRR provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance.

Instructions for Use

Surface Preparation: Surfaces to be tiled should be flat, clean, dry and free of salts, oils, grease etc. In maintenance applications, old emulsion paint, plaster etc must be removed. For new works allow plaster and render to dry out and attain strength to support tiles; approx. 14 days. Board surfaces must be dry, rigid and flat, and should be braced vertically and horizontally at 300mm Centre's. Fixing should be with screws instead of nails to prevent springing. Seal exposed edges of boards to prevent damp penetration.

Priming: Prime porous surfaces with **ELMIERE SBR Xtra**. Plaster surfaces should be allowed to fully dry prior to tile application.

Application:

Apply **EmO Seal TA 100** to the substrate at a 3mm depth, working in maximum 1m² areas at a time. Use a notched trowel to form ribs in the adhesive and press the tiles into position using a twisting action. Start tiling from the top or bottom allowing a 1-2 mm gap between tiles. Wipe off excess adhesive with a damp cloth. Ensure that at least 85% of the adhesive has made contact with the back of the tile by checking the first tile. Do not use the spot method of application, as the percentage coverage will not be reached. Work in small areas to ensure skinning of the adhesive does occur. Skinning will prevent bonding.

When using heavily studded tiles, comb the adhesive onto the substrate. Then butter the whole of the back of the tile with adhesive and press firmly into position. If required support the tiles until grip is attained.

Grouting: Rake out joints before the adhesive has set and grout with the appropriate **ELMIERE Tile Grout**. Positioning of tiles can only take place whilst the adhesive is wet.

Watch point

- All movement joints must be carried through the tiles.
- Not recommended for tiles/surface which does not have absorption and porosity (fully vitrified tiles).
- Not suitable for floors.

Packaging & Storage

EmO Seal TA 100 is supplied in 8 KG & 20 KG pails and it has a minimum shelf life of 6 months provided it is stored under cover, out of direct sunlight.

Health and safety

EmO Seal TA 100 contains cement and polymer powders which, when mixed with water or upon becoming damp, releasing alkalis which can be harmful to skin.

During use, avoid inhalation of the dust and contact with skin or eyes. Wear suitable protective clothing- eye protection, gloves and respiratory equipment (particularly in confined spaces)

The use of barrier creams to provide additional skin protection is also advised. In case of contact with skin rinse with plenty of water, then cleanse thoroughly with soap and water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical advice immediately-do not induce vomiting.

Fire

Non- inflammable

Manufactured By:

ELMRR CONSTRUCTION CHEMICALS

P.O.BOX 176, PC 124, Rusayl Industrial Area, Sultanate of Oman
Tel: +968 24446914 Fax: +968 24446776
Email: sales@elmrr.com