WATER-RESISTANT WALL TILE ADHESIVE

DESCRIPTION:
TOPPS TILES READY MIX WATER-RESISTANT is an off-white ready mixed high-strength adhesive paste, for use as a thin-bed water-resistant ceramic wall tile adhesive and is suitable for fixing all types of ceramic wall tiles, including mosaics, porcelain and vitrified tiles in internal locations such as frequently used bathrooms, kitchens and shower areas where the tiled surface is subject to regular wetting, but not total water immersion. TOPPS TILES READY MIX WATER-RESISTANT can be applied to gypsum plaster, cement backer-board, existing tiles, cement render, concrete block-work, timber panels and plywood composite boards. TOPPS TILES READY MIX WATER-RESISTANT is recommended for use in areas such as multi-shower changing rooms, steam rooms, power showers, worktops and any tiled wall surface, which is subject to high humidity or frequent wetting. Conforms to BS EN 12004, Type D, Class 2T.

INSTANT GRAB
HIGH SPREADABILITY

SURFACE PREPARATION:
All surfaces must be clean, firm and free of dust, dirt, oil, grease and loose flaking coatings. Gypsum finishing plaster should be at least 4 to 6 weeks old, thoroughly dry and wiped clean of dust, efflorescence and loose flaking material. Highly polished (shiny) plaster surfaces should be roughened with a stiff brush, removing all loose fine. All plaster and porous masonry surfaces should be primed with TILERS PRIMER diluted as 1 part to 3 parts with water to provide a dimensionally stable background as described in BS 5385. Expansion joints should be installed in accordance with the recommendations of BS 5385. Remove areas of unsound (emulsion based) paint from walls and surfaces such as plaster or up to 7 days where tiles have been fixed to an impermeable surface such as existing tiles or waterproof boards.

APPLICATION METHOD:
TOPPS TILES READY MIX WATER-RESISTANT is intended for application by a notched trowel (5mm x 5mm notch at 10 - 25mm centres) to give a ribbed bed on the wall surface, into which the tiles are firmly bedded with a twist and slide action to ensure complete contact. The position of the tiles can be adjusted up to 10 minutes after initial fixing. Open time of the exposed adhesive bed is approximately 30 minutes, depending on surface porosity and site conditions, however in warm rooms this period may be reduced – check the adhesive remains “tacky to touch” as fixing proceeds. If adhesive forms a skin remove it and apply a fresh layer. Do not trowel out an area of adhesive greater than can be tiled over within a 10-minute period (about 1 square metre). The final adhesive bed depth should be in the range of 2 to 3mm and grout joints should be at least 2mm, unless self-spacing tiles are used. Ensure all adhesive residues remaining on the tile face are wiped clean with a moist cloth as fixing proceeds, and rake out any excess adhesive from within the grout joints.

HIGH BOND STRENGTH
FULLY WATER RESISTANT

TOPPS TILES READY MIX WATER-RESISTANT should not be applied onto walls affected by penetrating damp, in areas of persistently high humidity or when the room temperature is below 5°C. When fixing porcelain tiles the drying time of the adhesive will be significantly extended therefore grouting should be delayed until the adhesive is fully dry, additionally any porcelain tiles of size 300mm x 300mm or greater should ideally be fixed using a cement based adhesive. Additionally, all types of large format ceramic tile, i.e. those with dimensions of 300mm x 400mm or more, will also significantly prolong the drying time of this adhesive and a cement based alternative is strongly recommended in such circumstances. Check contact by lifting a tile to ensure that 100% coverage is achieved for wet areas i.e. a solid-bed contact leaving no voids behind tiles. Always install movement joints when necessary across large surface areas & in wall corner perimeters to meet the requirements of BS 5385, Parts 1-5.

GROUTING:
Grouting may proceed as soon as the tile bed is sufficiently firm, which depending upon site conditions can be from 24 hours after fixing on porous surfaces such as plaster or up to 7 days where tiles have been fixed to an impermeable surface such as existing tiles or waterproof boards. This may be prolonged in cold conditions. In areas subject to frequent wetting, such as domestic showers, always use a water-resistant cement based grout such as TOPPS WHITE WALL TILE GROUT.

STORAGE & PACKAGING:
TOPPS TILES READY MIX WATER-RESISTANT is supplied in 15kg re-sealable buckets and has a storage life of not less than 12 months if stored in dry, un-opened conditions. Should further technical information be required, contact the Technical helpline.

TECHNICAL SUMMARY:

<table>
<thead>
<tr>
<th>Appearance:</th>
<th>Water resistance [D2T]:</th>
<th>Open time:</th>
<th>Initial drying time:</th>
<th>Coverage:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brilliant white paste</td>
<td>For frequently used showers</td>
<td>30 minutes</td>
<td>24 hours (porous walls)</td>
<td>1.5kg – 2.0kg per sq. metre</td>
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</tbody>
</table>

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