



ISO 9001:2000

CICO TILFI

A Single Pack Polymer Modified Cementitious Waterproof Tile Adhesive

DESCRIPTION

: It is a single pack polymer and cementitious system and is used as an excellent tile adhesive by way of mixing with water at the site. It could be used as a thin or thick bed adhesive for fixing ceramic and mosaic wall and floor tiles. This adhesive exhibits best possible waterproofing characteristics. Cured material is grey in colour.

USES

: Bonding ceramic wall tiles and mosaic tiles in exterior and interior situations such as bathrooms, toilets, shower recesses, laundries, and swimming pools. Can be most suitably applied over rendered brick work, brick masonry and concrete surfaces.

FEATURES

- * Resistance to complete immersion.
- * Excellent adhesion strength on all common building material.
- * Tile fixing – permanent.
- * Cementitious polymer – high waterproofing properties.
- * Increased resistance to salts, oils, sewage, chemicals, chloride and carbonation.
- * Chloride free.
- * Non-toxic, suitable for drinking water contact.
- * Most economical and best performance level among all cementitious system.

TECHNICAL DATA

Colour : Mixed material generally grey but other colours are available on request.

Mixing Ratio : 25% to 30% water by weight be mixed with the powder.

Yield (mixed)	:	2100 - 2000 Kg/m ³												
Coverage	:	Around 1.5 to 1.8 m ² for 2mm thickness per 6.0 kg of mixed materials.												
Consistency	:	When mixed at the above ratio, a rich mortar consistency is achieved.												
Working Time (approx)	:	30 minutes at 27°C.												
Curing	:	As the applied material shall be covered by tile no curing is required, otherwise normal water curing will do.												
Compressive Strength(Typical) Kg/cm²	:	<table> <tr> <td>3 day</td> <td>-</td> <td>75</td> <td>kg/cm²</td> </tr> <tr> <td>7 days</td> <td>-</td> <td>275</td> <td>kg/cm²</td> </tr> <tr> <td>28 days</td> <td>-</td> <td>350</td> <td>kg/cm²</td> </tr> </table>	3 day	-	75	kg/cm ²	7 days	-	275	kg/cm ²	28 days	-	350	kg/cm ²
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7 days	-	275	kg/cm ²											
28 days	-	350	kg/cm ²											
PACKING	:	In 5 Kg, 25 Kg packing												
HEALTH & SAFETY	:	Non-toxic and non-flammable.												
PRODUCT INFORMATION		Although the basic formulation of our products generally remain unchanged production refinements arising from continuing research and evaluation program may occasionally results in marginal changes in properties.												

TECHNICAL SERVICES:

- * **CICO** maintains a technical division with highly qualified Technical Personnel to investigate and advise on subjects related to concrete and the construction industry. The Division will advice on the correct use and selection of right products at the right place.
- * **CICO** undertakes Consultancy Service for diagnosis and rehabilitation of distressed structures
- * **CICO** undertakes jobs as a package for total waterproofing system with guarantee

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