

Cicotile®LT

Large Tile Powerful Cementitious Adhesive

DESCRIPTION

Cicotile®LT is one component; high quality; cement based adhesive powder that needs only water to be added before application. It is used to fix all kinds of ceramic and porcelain tiles permanently. It is composed of selected binders, graded fillers, and other chemical additives, which enlarge the bonding capacity and obtain durability. Cicotile®LT is a non-sag tile adhesive that can be used for both vertical and horizontal applications. Cicotile®LT is rich with binders that make it powerful for fixing large tiles of porcelain and marble.

USES

- Fixing large ceramic, porcelain, and marble tiles for 2-8 mm thick bedding layer.
- Fixing natural stone and cementitious bricks.

ADVANTAGES

- Weather resistant.
- Ideal for large tile fixing.
- High bonding to both tile and cementitious substrates.
- Suitable for hot and tropical climates.
- Suitable for internal and external applications.
- Reasonable open time.
- Easy to use, only add water.
- Good Slip resistance.
- Easy tile installation that helps high Productivity
- Good workability.
- Suitable for horizontal and vertical surfaces.

STANDARD COMPLIANCE

BS EN 12004 Type C class 1 and ANSI A118.1

PACKAGING

20 and 25 kg bags

SHELF LIFE & STORAGE

12 months storage life if stored in its original unopened containers under a dry and shaded place.

TECHNICAL PROPERTIES

Form	Powder
Color	White and Grey
Open time @ 25°C	22±2 min.
Wet Density @ 25°C	1.50±0.05 kg/ltr
Compressive strength @28 days (ASTM C349)	>8.0 MPa
Flexural strength @28 days (ASTM C348)	>2.7 MPa
Bond strength @28 days (EN 12004-2)	>1.25 MPa
Sagging	Nil
VOC	<10 gm/ltr
Coverage	>8.5 m ² /20 Kg @2 mm thick

APPLICATION INSTRUCTIONS

Surface Preparation

Cicotile®LT can be applied over all cementitious substrates but can't be used over Gypsum board (use Cicotile®GB for that purpose). The backing surface must be sound, clean, and free from any trace of oil or paint. The surface should be dampened with water a few hours before application. Moisten the tiles before fixing them.

Mixing

Add 5.75 to 6.0 liter of cold, clean water for 20 kg bag and 7.2 to 7.5 liters for 25 kg bag of Cicotile®LT powder and mix until a uniform, lump-free consistency is achieved. To extend the open time of Cicotile®LT, use chilled water in mixing. Do not mix material more than can be needed in its open time. Do not add water to mixed Cicotile®LT.

Application

For common usage, spread mixed Cicotile®LT on the surface to a uniform thickness of 2-3 mm, using notched trowels (sizes 4, 5, and 6). Place the pre-soaked tile firmly onto the adhesive bed ensuring good contact with gently twisting pressure. Apply mixed Cicotile®LT up to a working area of not more than approximately one square meter at a time. After fixing tiles, and before the final set of Cicotile®LT, all excess material should be removed using a damp cloth. Joint grouting with Cicotile®Joint Grout should be carried out after 24 hours.

Tools freshly contaminated with Cicotile®LT can be cleaned using water. Hardened material can be removed by mechanical means.

PRECAUTIONS

Health And Safety

Cicotile®LT is an alkaline, non-hazardous. It should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles and gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. When contact with the skin is made, wash off immediately with soap and water. If swallowed, seek medical attention immediately, do not induce vomiting.

TECHNICAL SUPPORT

CIC provides on-site assistance, as well as consulting services on projects when requested. Technical data sheets on other CIC products and guidance on their use are available on request.

Warranty

CIC products are guaranteed against defective materials and manufacture and sold subject to CIC's standard terms and conditions of sale. Whilst CIC endeavors to ensure that any advice, information or recommendation given is correct, the company cannot accept any liability either directly or indirectly arising from the use of its products. User of the product must test the product's suitability for the intended application and purpose, since the company has no control over the application of its products. Information contained in this document is given on the best current knowledge. Our Products are in continuous development and CIC reserves the right to change the product without prior notice.

