

Polymer modified high strength adhesive for marble and granite tiles

Uses

Ducon tile bond is a single part high quality polymer based adhesive for the permanent fixing of granite and marble tiles.

Advantages

- Prepacked product requiring only water addition at site
- High adhesive bond strength- Ideal for vertical and horizontal applications of granite, marble, etc.
- Excellent grab during open time.
- Quick fixing-Reduces labour costs
- Can be used in the interior and exterior of buildings

Standard Compliance

Ducon tile bond confirms to IS 15477 Type | & ||

APPLICATION instructions

Surface Preparation

All surfaces must be sound and thoroughly cleaned before ducon tiles bond is applied. All traces of grease and oil must be removed. All loose particles of mortar, wallpaper, paint etc., must be physically removed. The prepared surface must be wetted with water, prior to application of ducon tile bond and must attain a saturated surface dry condition.

Ducon tile bond can be applied directly on concrete, cement screeds, cement or lime mortars provided they are strong..

Mixing

Take the required quantity of water in a suitable container and add the powder part under mixing. Use a slow speed drill fitted with a paddle to get a uniform lump free consistency. Over-mixing can result in air entertainment which should be avoided. Excess water should not be added to adjust the consistency of the paste.

Application

Ducon tile bond is applied on to the prepared substrate and spread with a serrated trowel to achieve a uniform thickness of 3-4mm. Place the tiles firmly on to the adhesive bed ensuring total contact with a twisting motion. Choose work areas so that the tiles can be fixed within the open time of the adhesive which is approx. 20 mins at 30° deg.C. Normally granite and marble tiles upto a thickness of 20mm can be fixed in vertical position without problem.

Technical Specification:

Mixing Ratio: Ducon Tile Bond: Water (4:1)

Bed Thickness	: Up to 6mm
Open Time	: 20 Minutes
Pot Life	: 45 Minutes
Fresh wet Density	: 1.75 g/cc

Finishing

Remove the excess adhesive using a damp cloth before it sets.

Grouting of joints may be commenced 24 hours after the tile have been fixed.

Limitations

Ducon tile bond is not recommended for overhead applications. On vertical application till appropriate grab is achieved

Note: Ducon tile bond should not be applied on Gypsum board substrates.

Estimating

Coverage

Approx. 7.4-7.5 sq.m for 25 kgs of ducon tile bond at 3mm thickness.

Packaging

Ducon tile bond is supplied in 25kg bags.

Storage

Shelf life-12 months in unopened bags under normal ware- house conditions.

Statement of Responsibility (Disclaimer)

The technical information and application advise are based on present state of our best scientific and practical knowledge. As the information herein of a general nature, no assumption can be made as to a products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.