

Polymer modified high strength adhesive for marble and granite tiles

DESCRIPTION

DUCON Tile Bond is a single-component, high-quality polymer-modified cementitious tile adhesive designed for permanent fixing of marble, granite and stone tiles. It provides excellent adhesion, good workability and durable bonding performance for both interior and exterior floor and wall applications.

RECOMMENDED USE

- Fixing marble and granite tiles
- Floor and wall tile installation
- Interior and exterior applications
- Residential and commercial buildings
- Vertical and horizontal surfaces
- Concrete, cement screeds and plaster surfaces

FEATURES AND BENIFITS

- High adhesive bond strength
- Easy to mix and apply
- Excellent workability
- Strong grab during open time
- Suitable for vertical and horizontal applications
- Interior and exterior use
- Reduces application time and labour cost

PRODUCT INFORMATION

Composition	Polymer-based adhesive
Packaging	25 KG pack
Shelf life	12 months
Mixing Ratio	4:1 (Powder : Water)
Storage Conditions	Store at +5°C to +35°C, protect from moisture
Application Temperature	+5°C to +35°C
Pot Life	~3 hours
Pot Life	45 Minutes
Fresh wet Density	1.75 g/cc

APPLICATION PROCEDURE

GENERAL

DUCON Tile Bond shall be applied in accordance with recommended application guidelines and should be installed by trained personnel.

SURFACE PREPARATION

Ensure the substrate is structurally sound, clean, and free from dust, oil, grease, paint, laitance, and loose particles. Pre-wet the surface with clean water and maintain a Saturated Surface Dry (SSD) condition before application.

MIXING PROCEDURE

Pour the required quantity of clean water into a suitable container and gradually add DUCON Tile Bond powder while mixing with a slow-speed drill fitted with a paddle mixer until a uniform, lump-free consistency is achieved. Do not add excess water.

APPLICATION

Apply DUCON Tile Bond onto the prepared substrate and spread evenly using a serrated/notched trowel to achieve a thickness of 3–6 mm. Place tiles firmly onto the adhesive bed using a twisting motion to ensure complete contact.

FINISHING

Remove excess adhesive from the tile surface before setting. Grouting of joints may commence after 24 hours.

COVERAGE

Approx. 80sft per 25 kg bag at 3 mm thickness.
Approx. 40sft per 25 kg bag at 6 mm thickness.

PRECAUTIONS

- Wear suitable PPE during application
- Avoid contact with eyes and skin
- Do not inhale dust
- Refer to SDS/MSDS before use

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.