

Kadisco Tile Adhesive

Description

Kadisco Tile Adhesive is a Latex modified cementitious waterproof adhesive used for permanent fixing of porcelain tiles, Marble, Mosaics and Natural stone for interior and exterior applications especially in permanent wet areas or submerged conditions

Uses

- Specially formulated for permanent wet areas.
- Interior and exterior tile fixing applications.
- Exterior tile claddings, roof tiles and paves.
- Recommended for dry and wet areas applications.
- Recommended for floor and wall tile installations.
- Recommended for Swimming Pools, Fountains, Bathrooms, kitchens and permanent wet areas.
- Recommended for ceramic tiles, glass mosaics, porcelain tiles, quartz stone marble and stones.
- Recommended substrate are Concrete, Screed, Plaster. And Plywood, Silicate, Gypsum Board & MDF with support of priming.

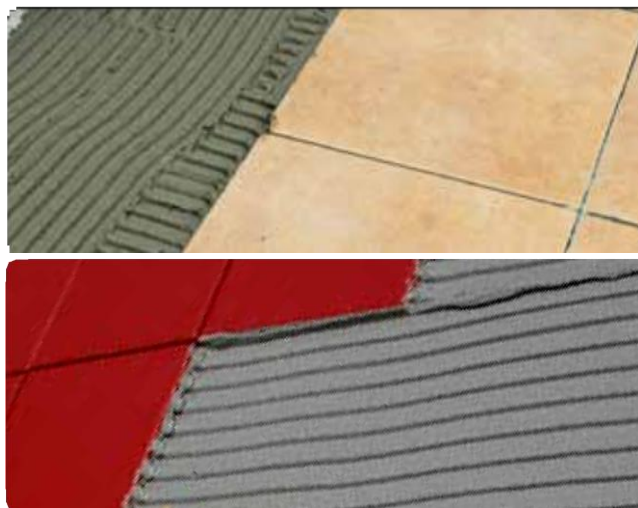
Characteristics

- Polymer/latex based high strength single part cementitious adhesive.
- Excellent resistant to fungal growth
- Excellent water resistant - Submerged conditions will not affect adhesion.
- Highly water and weather resistant after setting
- Slip proof & shock resistant.
- Excellent adhesion property with porcelain tiles.
- Excellent bond strength even thin bed application.
- Recommended for heavy traffic areas.
- Polymer contents enhance high adhesion and bonding strength.
- Bonds with all common construction materials/mineral substrates, such as concrete, plaster, renders, wood, gypsum /Silicate Board.

Properties

Appearance	Powder
Color	White & grey
Density @ 25°C, g/cc	1.4 Kg / Ltr
Water Absorption	<5 %

Drying time 35°C	4 – 8 Hrs.
Pull Off Strength Standard	Comply BS EN 12004
Tensile Adhesion Strength	≥1 N/mm ² 28 days
Recommended Thickness	Up to 2 to 15 mm
Pot Life at 35°C	40 Minutes
Compressive Strength	> 18.0 N/mm ² 28 days
Pot Life at 35°C	Excellent



Packing

20 kg

Coverage

Approx. 5.2 m² / 20 Kg Bag @ 3 - 4 mm thickness.

Methodology

Application Condition

The open time of Kadisco Tile Adhesive at 35° C is approximately 30 minutes. Therefore, care should be taken in preparing the mortar. Prepare only the surface, which can be tiled within this time. Kadisco Tile Adhesive should not be used on painted or metal surfaces.

Surface Preparation:

- The surface should be sound, clean, and free from dirt, oil or grease before Kadisco Tile Adhesive is applied.

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- The tiles should also be clean, dry and dust free. For external/internal applications wet the substrate before the tile installations.
- Kadisco Tile Adhesive is mixed in proportion approx. 3.5 - 4.5 liters of water for 20 kg bag. Mix to a uniform lump free consistency.
- Allow to stand for few minutes so that the resins are completely dissolved. Moisten the support if necessary. Mixing shall be done by a forced action mixer.

Application Process

- Surface to be tiled must be clean, free from contamination and in SSD (Saturated Surface Dry) condition.
- Apply Kadisco Tile Adhesive to a uniform thickness of 2-10 mm on the support to cover the slots at the back of the tiles on a working area of no more than 1 m².
- For horizontal application solid bed fixing is recommended as well as for heavy duty vertical applications. For all other vertical applications use a toothed spatula to comb horizontally to remove excess materials.
- The trowel should have 6 mm notches at 25 mm center to center.
- Then apply the tile, press it carefully so that the mortar is spread evenly. The bonding is perfect; tile does not slide.
- Tile joints shall be filled with Smartcare Tile Grout.

Safety features

- Kindly refer to the MSDS which gives detailed information on safety measures while handling the product, which is available on request.
- Store in a cool, dry place.

- Keep out of reach of children and away from eatables.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Eye protection during application is recommended.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact wash with soap and plenty of water. Get medical attention if irritation develops or persists.
- It is recommended to wear suitable nose pad during surface preparation.
- Dispose as per recommendation mentioned.
- No added Lead, Mercury or Chromium compounds.

Health & Safety Features

As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn (see packaging for specific instructions). Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. Ensure the container is available for the medical attendant to examine any relevant instructions and contents details. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labelling.

Note: The information supplied in our literature or given by our employees is based on extensive experience and, together with that supplied by our agents or distributors, is given in good faith to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of work, we accept no liability for any loss or damage which may arise as a result thereof.
