LTB®

Lite Tile Adhesive

RAMKA
CONSTRUCTION
CHEMICALS

LTB® conventional tile adhesive is a grey powder based on cement, mineral fillers, and polymer additives. When mixed with water, it forms a paste with high adhesion for fixing tiles to different horizontal and vertical surfaces. Its high flexibility and long working time allow accurate, high-quality tile installation.

Applications

- Walls and floors in wet environments such as swimming pools.
- Installing floor tiles and preventing them from becoming loose.
- Exterior tiling such as mosque domes, fountains, and similar locations.
- Replacing broken or worn tiles without removing the entire surface.
- Fixing slabs and large-format sections.

Approvals / Standards

- INSO 12492-1
- INSO 12492-2
- BS EN 12004-1
- BS EN 12004-2 : 2017

Advantages / Benefits

- Reduces the mortar-bed thickness behind tiles and reduces building dead load.
- Improves tile and ceramic adhesion and reduces the risk of detachment after installation.
- Allows tile and ceramic installation where grouting or slurry bedding is not possible.
- Improves waterproofing of bathroom floors compared with conventional mortar.

Guideline for Use

For each 20 kg bag, add approximately 30% water. Add the powder slowly to the water and mix with an electric mixer for 2 minutes. Allow the prepared adhesive to stand for 5 minutes, then mix for another 30 seconds until uniform and homogeneous. The substrate must be completely clean and level, and the back of the tile must be free of dust, contamination, and foreign material. Apply the adhesive uniformly with a notched trowel so that at least 60% of the tile or ceramic surface is covered. Depending on environmental conditions, use the prepared adhesive within a maximum of one hour. At room temperature, drying normally requires 24 hours. The surface is ready for grouting or other work two days after tile installation. In wet environments, full drying may require 48 to 72 hours.

Dosage

3.5 to 5 kg per m^2, depending on the installation location, substrate irregularity, and the type of tile, ceramic, or other element being bonded.

Storage

+12 to +35 °C; keep away from moisture and direct sunlight.

Packaging

20 kg bag

Shelf Life

One year from the production date in the original packaging.

Health and Safety

- This material is not hazardous to human health or the environment, but it must not be swallowed or allowed to contact the eyes.
- In case of accidental contact with skin or eyes, immediately rinse the affected area with plenty of fresh water.
- If swallowed, seek medical attention immediately.
- Refer to the Material Safety Data Sheet (MSDS).
- This material is non-flammable.

Basis Of Data

Product Information

Chemical base	Cementitious
density	1.5±0.1 g/cm^3
Chloride ion	None

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