

PC Tile Grout EP



High Performance Epoxy Tile Grout

Product Overview

PC Tile Grout EP is a chemically resistant epoxy based grouting system for joining floorings of tiles, mosaics, marbles, stone, terrazzo, etc.

Areas of applications

1. For all the kitchens, cafeterias and catering facilities
2. All laboratories and institutional facilities.
3. All food production and processing areas.
4. All swimming pools, washrooms, leisure areas, artificial water bodies, etc.
5. Sewerage plants and sewer lines
6. Heavy duty garages, workshops and servicing facilities

NOTE: Remove excess of PC Tile Grout EP from the face of tiles using a damp or wet cloth before the material hardens. Hardened material can only be removed by mechanical means

Properties

1. PC Tile Grout EP is non shrinkable and forms a very strong adhesive bond between the tiles.
2. It is resistant to many acids, solvents and many abrasive chemicals .
3. It is impermeable to water and creates a barrier for moisture sensitive substrates.
4. It gives a stain free finish.
5. It is non saggy and hence suitable for both horizontal and vertical application
6. It is ready to mix and easy to apply
7. It is solvent free.

Guidelines for Usage

1. Surface preparation: Before starting to grout clean the joints and make free from dust and debris.

2. Mixing: Out of the three, mix the base (Part-A) and hardener (Part-B) in a clean container until a uniform color and consistency is achieved. Then add the filler component to the mix and lend them all together using a slow speed mixing paddle until a lump free consistency is achieved.

3. Application: Apply the epoxy grout to the joints and around the edges by a spatula and finish off. It can also be applied with a caulking gun. Be sure all grout joints are packed full. Following the grouting operation use a fibrous pad or wet soft cloth to clean off the excess material. Care should be exercised not to use excess water or allow water to come into contact with the wet grout.

On horizontal surfaces, don't apply while the water is still bleeding from the concrete surface, as the required film will not be formed. Curing has to be done as soon as the shine on the concrete surface disappears, but should not be delayed thereafter.

On vertical surfaces, PC Tile Grout EP should be applied while the concrete is still green. Dampen the surface with clean water prior to application.

While using a roller for application, if bubbles appear, then slow down the process of rolling. Don't overlap during application. Take adequate care to prevent spoiling of the concrete surface.

Packages available

PC Tile Grout EP is available in a set of 5 kg pails.

Storage and Shelf life

PC Tile Grout EP has 12 months shelf life when stored in original, dry and unopened packs.

Safety Measures

1. Clean tools and equipment before the material hardens.
2. Don't dilute or thin PC Tile Grout EP while mixing.
3. During application, keep the application area away from sunlight.
4. Use proper safety equipments while mixing e.g. use of safety coats, safety goggle, gloves Etc. Any eye contamination should be washed immediately with clean water and immediate medical attention sought.

For further information related to application and safety precautions, please contact Mcrete technical representative.

Technical data

Mixing ratio (A:B:C)	1:0.5:3.5
Density	1.70 g/cc
Pot life	45 mins
Hardening time	5 - 6 hours
Foot traffic Heavy Traffic	24 hours 48 hours
Compressive strength	65 MPa
Tensile strength	10 MPa

For further clarifications Please contact on below address

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