

EpegROUT Ultra

Packaging



Mixing



Application



Uses



Substrates

Commercial
Food Processing
Areas
Kitchens
Wineries
Breweries
Swimming Pools

An easy clean off, solvent-free, pool grade epoxy grout

Description

An easy clean off, solvent-free, pool grade epoxy grout with chemical and physical resistance combined with easy application properties.

To be applied by an experienced two/ three-man team, one applying the grout and the others cleaning up.

Uses

For use with ceramic, porcelain and non-moisture or thermal, sensitive, natural stone and tiles in areas where moderate chemical and physical resistance is required in food preparation and processing areas, commercial kitchens, wineries, breweries and swimming pools, etc.

Features

- Easy clean off
- Solvent free - Low VOC
- Use for areas requiring strict hygiene standards, and chemical and physical resistance requirements
- For interior and exterior applications
- For joints 1.5-10mm

Colours

White, Buff, Light Grey, Mid Grey, Charcoal and Black.

Coverage (Approximate)

1.2kg/m² for 200mm x 200mm tiles x 6mm gap.

Mixing

Mixing Ratio:

Part A - 1 Litre

Part B - 0.5 Litre

Part C - Powder (filler) - 2kg (1.75-2.25 parts)

Mix only enough material to last 30 minutes. Place Part A in a suitable mixing container, add Part B and mix the two components together using a slow speed electric drill until a lump-free, uniform colour is obtained. Keep the mixing paddle beneath the surface to minimise entrapped air. Workability of the mix can be adjusted with more or less powder (Part C), i.e. in cold temperatures use less powder and more powder in high temperatures. It is recommended not to mix the whole pack incase you need to adjust the filler to suit your specific application. Reducing filler makes clean up more difficult. Wider joints may need more powder to obtain a non-slump consistency.

Application

Apply the mixed grout with a rubber grouting tool. Fill the grout joint completely and compact the grout into the joint.

Spread only 1-2m² sections at a time and clean up after each section. Apply the grout in temperatures above 10°C and below 30°C and heat or cool the components to be between 20-25°C to work in optimal conditions. Pot life is 60 minutes @ 23°C @ 50% relative humidity.

When mixing or applying EpegROUT Ultra, gloves and protective glasses must be worn to avoid possible irritation to sensitive skin. EpegROUT Ultra is for use by experienced trade people only. It is advisable to use a two / three man team, one applying the grout and the others cleaning off. This will ensure a total clean up before the EpegROUT Ultra sets. For best results, use warm water when cleaning.

Must be applied in accordance with all relevant Construction Chemicals technical information: www.constructionchemicals.com.au/tech-info/

Cleaning

Do not allow the grout to cure on the face of the tile. Remove surplus grout when the grout has initially set (10 minutes; the grout will pull out of the joint and smear the tile if removed too early) then do a final clean 30 minutes later with a damp epoxy cleaning sponge and a bucket of warm water. Do not flood the surface or use excess water.

1. Using a rubber grout float in a diagonal motion to the tiles when the grout has initially set.
2. Grout haze is removed with a damp epoxy cleaning sponge used in a circular motion. Frequently clean the cloth and if required the addition of a cup full of vinegar in the wash water will make cleaning easier.
3. Use a damp epoxy cleaning sponge to remove further residue. Rinse the cleaning sponge frequently.
4. Use a chamois or similar to remove any remaining grout haze.

It is essential that the grout haze/smear is completely removed within 24 hours of the grout application. Stubborn smears can be removed with a white, clean scourer.

Maintenance Cleaning

Use mild to mid strength detergents only (do not use acidic cleaners).

Drying Time

Initial set - 24 hours @ 23°C @ 50% RH
Full cure - 7 days @ 23°C @ 50% RH
Allow longer in lower temperatures.

Precautions

- Epoxy grout will chalk and discolour over time, but the performance is not affected. External use and light coloured grout is more noticeable.
- Not suitable for use in areas subject to high concentration of chicken fat.
- A trial application is recommended to check the suitability of a specific application and when applying to soft and highly glazed tiles.

Safety Precautions

- Reseal partly used containers.
- Keep away from food, drink and flame or high temperatures.

Risk

- Irritating to the eyes and skin
- May cause sensitisation by skin contact
- Harmful if swallowed.

Safety

Avoid contact with eyes. In case of contact with the eyes rinse immediately with plenty of water and seek medical advice. Avoid contact with skin. After contact with the skin, wash immediately with plenty of soap and water. Avoid breathing vapour or spray mist. Wear suitable gloves and eye/face protection.

Additional information is listed in the Safety Data Sheet.

First Aid

- If poisoning occurs, contact a doctor or poison information centre.
- If swallowed, do not induce vomiting, give a glass of water.
- If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
- If in eyes, hold eyes open, flood with water for at least 15 minutes and see doctor.

Spills/Leaks

Wear suitable gloves and eye/face protection. Spilt material should be absorbed into dry inert material (e.g. sand), which can then be put into appropriately labelled drums. The wasted material can be disposed of by incineration, by an approved agent according to local regulations.

Fire

Firefighters should wear full protective clothing and self-contained breathing apparatus. Use water mist, foam, carbon dioxide or dry powder to fight fire.

Poison S5 Contains:

Part A:

Epoxy Resin-Oxirane, Bisphenol Homopolymer, 25085-99-8, 65-75%

Formaldehyde, Oligomeric Reaction Products with 1-Chloro-2,3-Epoxypropane and Phenol, 9003-36-5, 15-25%

Alkyl (C12-C14) Glycidyl Ether, 68609-97-2, 10-20%

Part B:

Benzyl Alcohol, 100-51-6, 25-45%

M-Phenylenebis (Methylamine), 1477-55-0, 10-20%

Formaldehyde, Oligomeric Reaction Products with Phenol and M-Phenylenebis (Methylamine), 57214-10-5, 25-50%

Part C:

Powder - Non-hazardous

Warning Directions

1. Highly corrosive. Strongly alkaline.
2. WARNING – May be fatal to children.
3. Corrosive liquid, irritant.

Shelf Life

24 months when stored in unopened containers in a dry place. Heat or cool components in a temperature controlled environment for 12 hours prior to use to the required 20-25°C.



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