

EpegROUT

Packaging



Mixing



Application



Uses



Substrates

Commercial
Food Processing
Areas
Kitchens

Water washable epoxy grout

Description

A three-component, water-washable, chemical resistant, epoxy tile grout for joints up to 10mm. Available in two grades, **EpegROUT** and **EpegROUT Trade**.

| | EpegROUT | EpegROUT Trade |
|---|--|---|
| Joint width | Up to 3mm | 2-10mm |
| Mix ratio | 1 part A, 1 part B, 4 parts powder | 1 part A, 1 part B, 6 parts powder |
| Initial set of grout (ie. clean off time) | 10 minutes | 60 minutes |
| Colours | 20 colours Kemgrout Flexible | White, Buff, Light Grey, Mid Grey, Charcoal and Black |

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

EpegROUT has a short pot life and is harder to apply than EpegROUT Trade.

Uses

Commercial kitchens, hospitals, wineries, breweries, food processing and soft drink factories.

For areas requiring moderate chemical resistance.

Features

- Excellent adhesion to damp and dry surfaces
- Waterproof, hygienic, hardwearing and impact resistant
- Clean up with water
- Simple 1:1 resin hardener ratio
- Good resistance to chemical attack, i.e., dilute acid and alkaline detergents, oils, fats, salts and solvent.

Coverage (Approximate)

EpegROUT

0.6kg/m² for 150mm x 150mm tiles x 3mm gap.

EpegROUT Trade

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

Performance Data

Compression Strength >20MPa

Chemical Resistance

Resistance to mild alkali, acids and petroleum solvents is good. Concentrated acids (and prolonged chemical attack) fair.

Specification

The grout shall be a chemical resistant, water-washable, epoxy grout with a minimum compression strength of >20MPa, such as **EpegROUT** manufactured by **Construction Chemicals** and shall be applied in accordance with the manufacturer's application instructions.

Joint Preparation

Allow the adhesive to cure for 48 hours before grouting. Joints must be free of all loose material and pools of water.

A guide to tile joint sizes

Internal minimum 2mm, external minimum 4mm or as specified by the tile manufacturer and AS3958.1. **Do not** fix tiles with tight joints. When grouting joints of less than 3mm greater care is needed to place the grout deep into joints before pointing the joints to compact the grout surface.

Mixing

Mix part A and B individually first if not using complete pack. Remove powder from the container. Mix components A and B together thoroughly and slowly add powder (ensure all powder is added to minimise shrinkage). Mix with a slow speed drill and mixing paddle to thick creamy consistency. Do not entrap air by over vigorous mixing. Thorough mixing is achieved when colour and consistency are uniform. Discard unused material when grout starts to set. Pot life - 60 minutes @ 25°C.

Application

Apply the **EpegROUT** with a grouting tool. **Spread only 1-2 square metre sections at a time and clean up after each section.** Point the joint with the edge of a grouting tool or piece of rubber to pack the grout firmly into place.

Do not allow the grout to cure on the face of the tile. Remove surplus grout when the grout has initially set (10 minutes for EpegROUT, 60 minutes for EpegROUT Trade; 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 cloth or sponge and a bucket of warm water. Do not flood the surface or use excess water.

Wipe up using diagonal strokes across the joints. Rinse cleaning cloth or sponge frequently. Residue left on the tile can be removed with a clean cloth dampened with methylated spirits before the grout hardens. Stubborn smears can be removed with a white, clean scourer.

When mixing or applying Epegrout, gloves and protective glasses must be worn to avoid possible irritation to sensitive skin. Epegrout 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 sets. For best results, use warm water when cleaning.

Maintenance Cleaning

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

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:

Bisphenol-A-(Epichlorhydrin),
Reaction Product 40-45%.
Cresyl Glycidyl Ether 25%
Epichlorhydrin <0.01%

Part B:

Tetraethylenepentamine 10-20%
2,4,6-Tri (Dimethylaminomethyl) Phenol 2-5%

Warning Directions

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

Shelf Life

1 year.



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Adelaide (08) 8243 7888
Brisbane (07) 3271 2944
Melbourne (03) 9761 4711
Perth (08) 9356 9999

Sydney (02) 9756 3533
Auckland (09) 273 5444
Kuala Lumpur (603) 5122 2522