

Epegrout

Packaging



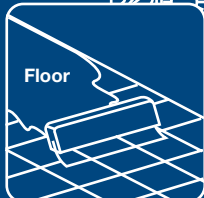
Mixing



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 Smooth** and **Epegrout Trade**.

Epegrout	Smooth	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, black

Epegrout is for use by experienced trade people only.

Uses

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

For areas requiring moderate chemical resistance.

Epegrout is more difficult to apply and clean up than standard grouts and requires more care.

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, ie. dilute acid and alkaline detergents, oils, fats, salts and solvent.

Coverage (Approximate)

0.6kg/square metre for 150mm x 150mm tiles x 3mm gap **Epegrout Smooth**. 1.2kg/square metre for 200mm x 200mm tiles x 6mm gap **Epegrout Trade**.

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 AS3958.1-2007. **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 Smooth, 60 minutes for 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.

When mixing or applying Epegrount, gloves and protective glasses must be worn to avoid possible irritation to sensitive skin. Epegrount 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 Epegrount 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 Material 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: Bisphenyl A Epoxy Resin > 50%. Cresyl Glycidyl Ether 5-20%. Epichlorohydrin < 10ppm.

Part B: Tetraethylenepentamine 5-15%.

Epichlorohydrin < 5ppm. 2, 4, 6 – Tris (Diethylamino methyl) Phenol < 2%.

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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The information contained in this technical publication is based on our current knowledge and experience and is provided as a guide only. In view of the many factors that may affect application it is the user's sole responsibility to ensure suitability for a specific purpose.

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