

PACKAGING



MIXING



APPLICATION



USES



SUBSTRATES

COMMERCIAL
FOOD PROCESSING
AREAS
KITCHENS

DESCRIPTION

A three component water washable, chemical resistant epoxy tile grout for joints up to 10mm available in two grades, non-sanded and sanded.

EpegROUT	Flexible	Trade
Joint Width	Up to 3mm	2-10mm
Mix Ratio	1 Part A, 1 Part B 4 part powder	1 Part A, 1 Part B 6 part powder
Initial Set of grout (i.e. 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.

USES

Industrial kitchens, hospitals, wineries, breweries, food processing and soft drink factories. For areas requiring moderate chemical resistance. (EPEGROUT can also be used as an adhesive to bond and bed tiles.)

FEATURES

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

COVERAGE (Approximate) 0.6kg/square metre for 150 x 150 tiles x 3mm gap (non-sanded).
1.2kg/square metre for 200 x 200 tiles x 6mm gap (sanded).

PERFORMANCE DATA

Compression Strength 20-30Mpa

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.

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 (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 non-sanded, 60 minutes for sanded; 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 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 immersed in methylated spirits before the grout hardens. **When mixing or applying grout, gloves and protective glasses must be worn** to avoid possible irritation to sensitive skin. **EPEGROUT is more difficult to apply and clean up than normal grouts and requires more care. It is advisable to use a two man team, one applying the grout and the other cleaning off. This will ensure a total clean up before the grout 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

Firefighter should wear full protective clothing and self-contained breathing apparatus with fullface piece. 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

Highly corrosive. Strongly alkaline. **WARNING** – May be fatal to children. Corrosive Liquid. Irritant.

SHELF LIFE 1 year.

(Refer to Safety Data Sheet)

**CONSTRUCTION
CHEMICALS**

● **ADELAIDE** 135 CORMACK RD (Cnr Davis St) WINGFIELD 5013 PH: (08) 8243 7888 FAX: (08) 8243 7800
● **BRISBANE** 45 COULSON ST WACOL 4076 PH: (07) 3271 2944 FAX: (07) 3271 3892
● **MELBOURNE** 11 GABRIELLE CT BAYSWATER NORTH 3153 PH: (03) 9761 4711 FAX: (03) 9761 4748
● **PERTH** 11 COLLIE ST WELSHPOOL 6106 PH: (08) 9356 9999 FAX: (08) 9356 9955
● **SYDNEY** 31-33 NEWTON RD WETHERILL PARK 2164 PH: (02) 9756 3533 FAX: (02) 9756 3534
● **AUCKLAND** 16 CARPENTER RD EAST TAMAKI PH: (09) 273 5444 FAX: 0800 266 236
● **KUALA LUMPUR** LOT 2 JALAN KECABI 33/2 ELITE INDUSTRIAL ESTATE OFF JALAN BUKIT KEMUNING
40000 SHAB ALAM PH: (603) 5122 2522 FAX: (603) 5122 2526

www.constructionchemicals.com.au

"The information contained in this technical publication is based on our current knowledge and experience and is provided as a guide only. It does not constitute a warranty or any other form of assurance. The user should always consult the Safety Data Sheet and apply common sense. Where necessary, the user should consult a professional. The user should be aware that the user's application may affect application it is the user's sole responsibility to ensure suitability for a specific purpose."