

EPOXY TILE GROUT

Epoxy Based Waterproof Tile Grout

DESCRIPTION

- CEMSEAL EPOXY TILE GROUT is a three part system, comprising of PART A, PART B and PART C. For ease of application and the ability to fill tile/stone joints, the grout is best mixed to a smooth creamy consistency.
- CEMSEAL EPOXY TILE GROUT is hygienic, hard-wearing, impervious, epoxied resin-based grout with a high degree of resistance to chemical attack, abrasion and impact. The cured grout does not transfer taints to foodstuffs, does not permit the entry of bacteria or dirt and is easily maintained in a sterile condition.
- It conforms to ASTM C 658 - 98 (2012).

AREAS OF APPLICATIONS

The CEMSEAL EPOXY TILE GROUT is intended for jointing wall and floor tiles, particularly on surfaces with high chemical, traffic and submerged.

FEATURES & BENEFITS

- Sterile
- High durable joints
- Non contracting
- Waterproof
- Frostproof
- High strength
- Smooth surface
- Stain and bacterial resistant
- Hygienic and chemical resistant

METHOD OF APPLICATION

- Joints should be free from efflorescence, laitance, dirt and other loose material. remove thoroughly by dry brushing
- All joints should be cleaned down by washing with water containing detergent, then with clean water.
- Ensure the joints are dry before grouting.
- Before commencing grouting, the adhesive bed must be set. It is essential that the tiles used are appropriate for the service conditions and are fixed in a solid bed of adhesive i.e. ensuring that, as far as possible, no voids are left behind / beneath the tiles. Refer to the relevant product datasheet (CEMSEAL NSA) for setting/ drying times.
- Protect open joints from contamination and ensure that they are clean, dry and free from loose debris to grouting.
- Do not grout at temperatures less than 5°C or in damp conditions.



APPLICATION AREAS

- Wall floors
- Interior / Exterior
- Wet areas
- Hygienic sterile areas
- Dry areas
- Swimming pools
- Work tops
- Heavily trafficked floors
- Hydrotherapy pools
- Chemical resistance

PACKAGING

- 1 KG, 5 KG, 20 KG
- 40 variants and colours.

APPLICATION MIXING

- The CEMSEAL EPOXY TILE GROUT consistency can be adjusted to suit the application & site conditions by varying the quantity of Part C added to the mixed Part A and Part B.
- Before using, please shake the bottles of part B and Part A.
- Add all of part B to all of part A in suitable, clean container and thoroughly mix together.
- If an electric drill mixer is used, blend at slow speed (less than 300 rpm).
- Slowly add the required amount of part C and mix until all the part C has been dispersed and a uniform colour is achieved.
- Immediately pour the mixed grout into the working area.
- The mixed epoxy grout is to be used within 45 minutes.

TECHNICAL INFORMATION

Property with Test method	Min. Requirements	Typical Result
Abrasion Resistance (EN 12808-2)	$\leq 250 \text{ mm}^3$	238 mm^3
Flexural Strength (EN 12808-3)	$\geq 30 \text{ N/mm}^2$	31.25 N/mm^2
Compressive Strength (EN 12808-3)	$\geq 45 \text{ N/mm}^2$	55.0 N/mm^2
Shrinkage (24 h.) (EN 12808-4)	$\leq 1.5 \text{ mm/m}$	0.5 mm/m
Water Absorption (After 240 mins) (EN 12808-5)	$\leq 0.1 \text{ g}$	0.03 g

COVERAGE ESTIMATES

Coverage depends on workmanship and joint width & depth of the tile joint. For more details visit CEMSEAL EPOXY GROUT shade card.

PRECAUTION & LIMITATION

- Keep out of reach of children. Wear suitable protective clothing, gloves and eye/face protection.
- In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice.

SHELF LIFE

- For 12 months from manufacturing date in factory sealed container
- High humidity will reduce the shelf life of packed product.

OTHER PRODUCT CATEGORIES AVAILABLE

Cemseal brings the widest range of Construction Materials & Chemicals. Visit Website for more details.

SAFETY PRECAUTIONS

- As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately.
- If accidentally ingested, seek immediate medical attention. Reseal containers after use

TECHNICAL INFORMATION & SERVICES

Further information and advice including practical demonstration are freely available from the technical service department of Cemseal Industries Ltd.

NOTE

- Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Cemseal representative.
- Cemseal reserves the right to have the true cause of any difficulty determined by accepted test methods.

Address

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