

Cemseal E300TG

Epoxy Tile Adhesive & Grout System

cemseal[®]
Your Construction Chemical Partner

The Product

Cemseal E300TG is a chemical resistant 2 component water emulsified based epoxy resin tile grout for sealing, grouting, setting and pointing of ceramic, homogenous heavy duty and chemical resistant for industrial and household uses. After setting, Cemseal E300TG is resistant to water. Its finishing is matt and available in a wide range of attractive colors.

Uses

- » Dairy & Food Processing Plants
- » Commercial Kitchens
- » Soft Drink & Breweries Plants
- » Laboratories
- » Restaurants
- » Swimming Pools
- » Palm Oil Industries
- » Latex & Rubber Industries
- » Electronic Industries

Advantages

- » Easy to clean up, it can be washed off with water until initial set.
- » Good workability for easy and fast application.
- » Waterproof, unaffected by water when cured.
- » Good chemical resistance to wide range of chemicals.
(Subjected to approve by Cemseal Technical advice)
- » Prepackaged for accurate on-site mixing.

Technical & Physical Data

Colour	Component A	: Liquid / Standard colour
	Component B	: Liquid / Clear
	Component A + B	: Grey, Black, White & Special Colors
Packaging	Component A + B	: 5 kg / set
Compressive Strength		30 N/mm
Bond Strength		5 N/mm
Density		1.6 kg/cm ³
Pot Life at 25°C		30 minutes
Curing Time at 25°C	Foot Traffic	: 24 hours
	Fully Cured	: After 7 days
Shelf Life		12 months of kept in a cool dry sheltered place

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Method of Statement

Substrate Preparation	The surface must be firm, dry, clean, free of dirt & dust, oil, grease and all other foreign matter.
Mixing	The base and hardener components should be individually stirred to clear any settlement. Base and hardener should be mixed thoroughly until a uniform paste is obtained and an even colour is achieved.
Application	The mixed adhesive should be spread over the surface. Ensure that all joint are completely filled. About 30 minutes later or before the expire of the pot life, the surfaces of the tiles should be cleaned off with a damp rag or hand sponge and clean water. Make sure all traces of residue are removed before it sets
Consumption	Cemseal E300TG depends on joint depth, joint width and the dimensions of the tiles to be affixed.

The following table shown some examples and the respective approximate consumption values (kg/m²)

Joint Width	5mm	5mm	8mm	8mm	10mm	13mm
Joint Depth	5mm	8mm	10mm	7mm	10mm	13mm
Tile dimension						
100mm x 100mm (Joint : 13 mr/m ²)	0.65	1.04	1.30	1.46	2.08	2.70
150mm x 150mm (Joint : 20 mr/m ²)	1.00	1.60	2.00	2.24	3.20	4.16
100mm x 200mm (Joint : 15 mr/m ²)	0.75	1.20	1.50	1.68	2.40	3.12

Limitation The application of Cemseal E300TG is not possible at below 10°C and on frozen surface.

Others Application To consult the local Cemseal's representative.

For Further Information	Cemseal Industries Sdn Bhd (Company No. 884153-T) No. 9 & 11, Jalan Besi, Taman Sri Putri, 81300 Skudai, Johor, West Malaysia. Tel : 607-558 3320, Fax : 607-556 9127, E-mail : info@cemseal.com.my
First Aid	In case of contact with eyes, skin or body wash immediately with clean fresh water or stand under shower and wash off. In case of inhaling of vapor or ingestion remove to fresh air and do not induce vomiting. Obtain immediate medical treatment.
Statement of Responsibility	The technical information and application advice given in this Cemseal publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature no assumption can be made as to a products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user, is responsible for checking the suitability of products for their intended use.
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