

DESCRIPTION

EPOFIX 708 is a three components epoxy resin flow able grout for machine mounting, anchor bolt grouting of pumps/motors, dowel bars and railing. Its excellent self-leveling properties which gives a smooth flat and levelled surface over uneven floors and surface.

USES

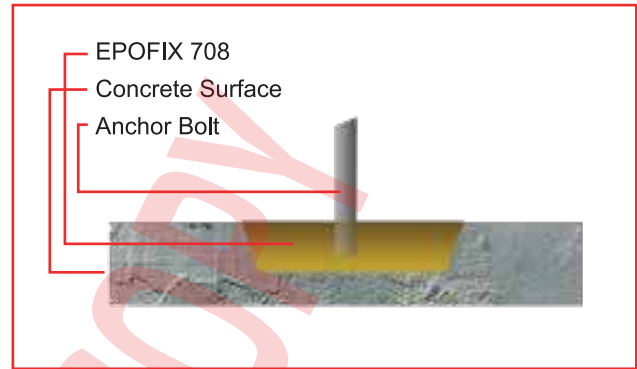
EPOFIX 708 is recommended for engineering application such as grouting of bridge bearing and crane rails, grouting of bridge bearing and crane rails, grouting of machineries that exerts high static and dynamic loads on the foundation, grouting of pumps and motor prone to chemical attack in fertilizers, paper and chemical industries. It also can be used as grouts for steel mills, cement kiln, forging hammers, turbines, generating set etc.

BENEFITS

- High bond, tensile and flexural strength
- Highly flow able
- Excellent chemical resistance
- Negligible shrinkage during curing
- High early strength
- Cure on damp surfaces

COLOR

Standard



Technical Data:		
No. of Components		3
Mixed Density		. . .
±Pot Life (for 1kg mix at 25° C)		15min @ 28°C
Shelf Life (between 5°C to 30°C)		Minimum 12 months
Mixing Ratio		3 : 1 : 12
Curing Temperature		Max. 80°C Min. 80°C
Curing Time		Initial: 4 - 6 hrs Final: 7 days
Mechanical Strengths, Compressive Strength	1Day 3Days 7Days	50N/mm ² 70N/mm ² 90N/mm ²
Estimated Coverage	Each set of 16kg pack Epofix 708 can yields approximate 8 litres on mixing	
Service Temperature		Max. 100°C
Flexural Strength	7Days	30N/mm ²
Tensile Strength	ASTM D638-91	13
Effective Shrinkage	ASTM D883-92	Passed
Slant Shear Bond Strength	ASTM D882-91	30N/mm ²
Elongation	ASTM D638M-91	3%
Chemical Resistance		Good
Packaging		16kg

The information given in this data sheet is to the best of our knowledge true and accurate; but as we have no control over where or how the product is applied, there are no warranties expressed or implied regarding the product's use or performance. Customers are advised to thoroughly test before adapting them to their own use. It is strongly recommended to trial on small area before large scale application.

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EPOFIX 708

THREE COMPONENTS EPOXY FLOWABLE GROUT

CEMKRETE®

ISO 9001 & 14000 CERTIFIED

APPLICATION PROCEDURE

SURFACE PREPARATION

Concrete substrate preparation is critical for optimum performance. Surface should be structurally sound, clean dry and free from contamination; such as oil grease. Concrete can be effectively prepared by grit blasting or shot blasting or shot blasting, scarifying followed by vacuum cleaning. Clean the bottom of base plates free of rust, mill scale, oil, grease or other contaminants by similar method.

MIXING

Pour all the contents of the hardener pack into the base container. Mechanical mixing is necessary. A high power (750 rpm) drill fitted with a grout stirrer is recommended. Empty component B completely into component A container and stir until the two components are fully mixed. Pour the mixed part A & B into a clean dry pail and keep the mixer running, add component C slowly. Mix for a further 1 minute or until a lump free homogeneous mix is obtained. It is important to ensure that the rate of mixing is adequate to cater for grouting continuously to completion, since interruption in grout placing can cause air entrapment or difficulties filling of the void.

PACKAGING

Before commencing the grouting operation, blow clean the grouting area with oil free compressed air. Place the mixed grout within 15 minutes after mixing. Baseplate grouting: Pour continuously from only one side to ensure complete filling without air packets. **EPOFIX 708** can be placed to thickness of 10mm to 240mm in

a single pour. Grouting to higher thickness can be achieved in multiple-layer but every subsequent layer should be placed after the previous one has set hard. It is important to control the thickness of each layer, so that the final layer is at least 10mm thick. Bolt and anchor rod grouting; Holding down bolts should be hooked at the bottom (J-Bolt) or fitted with an anchor plate. Anchor rods must be rough for optimum pull out strength and the diameter of holes should be at least 20mm more than that of anchor rods. While anchoring, place the required quantity of grout first in the hole and then introduce the anchor rod by pushing it gently, so that the displaced grout fills the annulus around the rod.

HEALTH & SAFETY

EPOFIX 708 contains resin which may cause sensitization by skin contact. Avoid contact with skins and eyes and inhalation of vapour. Wear suitable protective clothing, gloves and eyes/face protection.

FURTHER INFORMATION

With a wealth of technical and practical experience built up over many years in our pursuit of excellence especially in the protective, flooring and concrete technology, make **CEMKRETE** your partner today. Contact our hotline now.

UNCONTROLLED

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