

Flexco Pourable Epoxy Grout 'S'

TWO PART POURABLE EPOXY RESIN BASED GROUT

Product Description

Flexco Pourable Epoxy Grout 'S' is a flowable epoxy resin grout used for a variety of grouting and anchoring applications where high dynamic loads are anticipated and high early strength is required. Flexco Pourable Epoxy Grout 'S' has excellent resistance to both physical and chemical attack. It has been designed for grouting in vertical starter bars during construction, grouting in holding down bolts into existing concrete, levelling chipped or spalled concrete floors, machine and column base grouting and as a general purpose grout.

Advantages

- Convenient easy to use 2:1 by weight
- High early strength
- Non shrink
- Vibration resistant
- Tolerant to moisture before, during, and after cure.
- Good chemical resistance for long-term protection.
- Excellent adhesion to concrete, metal and most porous surfaces

Typical Uses

- Base plate grouting
- Machine grouting
- Crane rail grouting
- Anchor bolts

Laboratory Test Data

Application Properties

Colour	Medium Grey
Theoretical Coverage	2m ² /L at 0.5mm thickness Actual coverage will depend on wastage and surface profile.
Packaging	1.2kg, 5kg & 30kg kit sizes Each unit (part A and Part B) is in separate containers in the correct ratios
Shelf Life	24 months from date of manufacture when stored in original, factory sealed containers between 15 and 32°C under shade in a dry environment.

Physical Properties

Pot Life	Approx 60mins @60°C
Compressive strength	4hrs 8 MPa approx 7 days 90 MPa
Flexural strength	30 MPa approx
Tensile strength	18 MPa approx
Cure Time	Initial 24hrs Full cure 3-7 days

Flexco (NZ) Ltd

67 Dalgety Drive, Manukau City, P: 0064 9 2686970, F: 0064 9 2686971, E: info@flexco-nz.co.nz
P O Box 98866 South Auckland Mail Centre, Manukau City, New Zealand



FLEXCO (N.Z.) LTD

SOLVING TOMORROWS BUILDING PROBLEMS - TODAY

Flexco Pourable Epoxy Grout 'S'

TWO PART POURABLE EPOXY RESIN BASED GROUT

Installation Guidelines

Concrete

The substrate must be structurally sound. Loose or unsound concrete should be removed and made good. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits. The surface should be free from standing water. Steel surfaces must have all contaminants and paint removed by grit blasting. Apply grout immediately. Clean all holes by air blasting.

Mixing

For best results, condition the components prior to mixing from 18°C to 29°C. Premix Component B to a homogenous consistency. Place the correct proportion of Component A and Component B into a clean container with flat wall and bottom. Always use whole units. Mix thoroughly for a minimum of three minutes using a low speed drill (600 rpm) and a mixing paddle. Keep the paddle below the surface material to avoid entrapment of air. Proper mixing may take 3 to 5 minutes. Thorough mixing of both components is important to obtain optimum results. Carefully scrape the sides and bottom to ensure thorough mixing. Mix until a uniform light grey colour is achieved. Mix only the amount of material that can be used before the pot life expires.

Application

Place the mixed grout immediately after mixing, any delay will reduce the ability of the product to flow. Pour continuously from one side only at a uniform rate until the grout has flowed into position. Care must be taken when pouring the material to ensure that no voids or trapped air are in the filled gap.

Once the product has become difficult to apply, discard. Support for starter bars, and bolts to prevent movement.

Clean Up

Clean uncured material from equipment using Solvent. Cured material can only be removed by mechanical means.

Limitations

Will change colour when exposed to direct sunlight. Do not finish using solvent.

Do not apply below 4°C or above 35°C.

Avoid skin contact. Do not discard into the water system.

Health & Safety

This product is for industrial use only by trained operatives. It is potentially hazardous if not used correctly. Please refer to the Material Safety Data Sheet (MSDS) prior to the purchase and use of this product.

Warranties

Flexco (NZ) Ltd supplies products that comply with the properties shown on the current datasheet. In the unlikely event that products supplied are proved not to comply with the properties, then we will replace the non-compliant product or refund the purchase price. Flexco (NZ) Ltd does not warrant or guarantee the installation of the products, as it does not have control of the installation or end use of the product. Any suspected defects must be reported to Alchemis in writing within five working days of being detected. Flexco (NZ) Ltd makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied. Flexco (NZ) Ltd shall not be liable for damages of any sort, including remote or consequential damages, down time, or delay.

Flexco (NZ) Ltd

67 Dalgety Drive, Manukau City, P: 0064 9 2686970, F: 0064 9 2686971, E: info@flexco-nz.co.nz
P O Box 98866 South Auckland Mail Centre, Manukau City, New Zealand



FLEXCO (N.Z.) LTD

SOLVING TOMORROWS BUILDING PROBLEMS - TODAY