

TECHNICAL DATA SHEET

DESCRIPTION

Pile Cap Epoxy Pourable Grout is a flowable, pourable epoxy product designed for and used in a variety of grouting and anchoring applications where high dynamic loads are anticipated and high early strength is required. **Pile Cap Epoxy Pourable Grout** has excellent resistance to both physical and chemical attack. It has been formulated for maintaining continuity of **Preprufe®** and **Nuraply** waterproofing systems at pile heads and similar structural penetrations. The product comprises, a base epoxy resin and epoxy hardener. The two components are supplied pre-measured for easy on-site mixing at the correct ratio.

TECHNICAL SPECIFICATIONS

| Technical Specifications | Unit of Measurement |
|--------------------------|---------------------|
| Shelf life | 1 year |
| Mix ratio | 2:1 by weight |
| Solid content | 100% |
| Tensile strength MPa | 15 |
| Compressive strength MPa | 80 (approx. 7 days) |
| Flexural strength MPa | 22 |
| Work time | 1 hour |
| Full cure | 7 days |

AREA OF USE

Pile heads and similar structural penetrations.

SURFACE PREPERATION

Before commencement, the user should ensure that the receiving surfaces are sound, dry, and free from dirt, grease, and. Material and/or substrates should be checked for compatibility and if necessary, assessed by a competent person to ascertain their suitability. All surfaces should be free of standing water. Steel surfaces must have all contaminants and paint removed by grit 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

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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.

SAFETY, STORAGE & HANDLING INFORMATION

Keep in tightly sealed original containers in a cool place. Do not store near boilers or other sources of heat. Do not store in direct sunlight. Tightly sealed containers will store for approx. 12 months. Use older material first.

Wear gloves and safety glasses.

Clean uncured material with xylene solvent.

For these products, the best available information on safe handling, storage, personal protection, health, and environmental considerations has been gathered. SDS (Safety Data Sheet) are available [here](#) and users should acquaint themselves with this information. Carefully read detailed precaution statements on product labels and the SDS before use.

PACKAGING

6.0kg pack = 4L. – 4kg Part A, 2kg Part B

SHELF LIFE

1 Year.

TRANSPORT CLASSIFICATION

Part A 3Z

Part B 2X

The information in this product data sheet is based on our experience and testing. It represents the latest information available at the time of printing, but no guarantee of its accuracy is made or implied, nor responsibility taken for use to which this information may be put. We reserve the right to alter or up-date information parameters and formulations at any time without notice.