

rbs Epoxy Pourable Grout

High Flow Epoxy Grout

DESCRIPTION

rbs Epoxy Pourable Grout is a three pack high flow epoxy grout, with excellent low temperature curing characteristics. High compressive and tensile strength gains make it capable of withstanding high dynamic loads. Also provides excellent chemical resistance, good flow characteristics and negligible shrinkage.

USES

- Machine base plates with dynamic loadings.
- Grouting Crane and transporter rails.
- Grouting high speed turbines.
- Starter bars, dowels, setting-in bolts.
- Bedding Bearings, Manhole frames etc.

DIRECTIONS FOR USE

Substrate Preparation:

- The substrate should be sound, dry and free from all contaminants, such as dust, oil and grease.
- All joints in framework etc. must be water tight to avoid grout loss.

Priming:

- rbs Epoxy Pourable Grout is a resin rich system which is self priming.

Mixing:

- The contents of the hardener bottle and the tin of resin should be poured into a clean vessel and mixed thoroughly.
- Care should be taken to avoid hardener losses when mixing and the use of a mechanical mixer such as a slow speed, highpowered drill and EPI MR4 mixer paddle is recommended.
- Mixing of the resin & hardener should be carried out for a minimum of 2 minutes.
- The filler component should then be added slowly and the mixing continued for a further 1-2 minutes or until homogeneous.
- Once mixed the rbs Epoxy Pourable Grout should be placed immediately.

Application:

- rbs Epoxy Pourable Grout is formulated for placement in gap sizes of 10-50mm.
- This is typically achieved by forming a shutter and "letter-box" arrangement.

- The mixed grout is usually poured into place in a continuous and steady manner, until the bed is completely filled.
- To achieve an even flow, maintain a head of at least 150mm.
- When pumping, place the end of the hose in the centre of the plate so the grout radiates from the centre.
- When the grout has reached the far side, start to withdraw the hose very slowly with the pump running to avoid forming air pockets.

Cleaning:

- All tools should be cleaned using a proprietary solvent-based cleaner before the material hardeners.
- If the resin is allowed to set it can only be removed by mechanical means.
- N.B. In common with other epoxy resin systems rbs Epoxy Pourable Grout should not be applied at temperatures below 5°C.

TECHNICAL DATA

Density	2080 kg/m ³
Typical pot life @ 10°C	40 mins
Typical pot life @ 20°C	25 mins
Typical compressive strength @ 20°C	
1 day (MN/m ²)	55
7 days (MN/m ²)	65
Compressive strength	90 MN/m ²
Tensile strength	15 MN/m ²
Flexural strength	36 MN/m ²

HEALTH & SAFETY

When working with rbs Epoxy Pourable Grout suitable protective clothing, eye/face protection and gloves should be worn. Areas where this product is being applied must be well ventilated. For further health and safety information, please refer to the relevant Safety Data Sheet.

PACKAGING

rbs Epoxy Pourable Grout is a three component material, consisting of liquid resin, liquid hardener and powder filler/hardener 26 kg Pack yielding 12.5 litres.

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STORAGE

rbs Epoxy Pourable Grout should be stored under dry, frost-free conditions away from direct sunlight, under such conditions the shelf life is at least twelve months, if unopened.

IMPORTANT NOTE

Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company.

It is the responsibility of the customer to satisfy himself that each product is fit for the purpose for which he intends to use it, that the actual conditions of use are suitable, and that in the light of our continual research and development programme the information relating to each product has not been superseded.