

Ivory 318/30 Pourable Epoxy Grout

Description

A three component, high strength epoxy pourable grout.

Uses

- Grouting in rail chair lugs and under rail chairs to pre-set levels.
- Grouting of fixing bolts and anchors into concrete.
- Grouting under machine base plates and self-levelling grout for bearing pads.
- Filling any gaps requiring a flowable high strength compound.
- For effective horizontal flow a minimum of a 12mm or greater gap is recommended.

Resistance

Resists most common aggressive chemicals, aliphatic solvents and petroleum products.

Application

- Utilizing shutters where required ensure sufficient pressure to maintain movement of grout.
- It is essential that air is allowed to escape from the cavity being filled.
- Apply large volumes in more than one layer, ensuring that the previous layers have hardened and cooled.
- The volume which can safely be applied in one lift will depend on ambient temperatures, surface contact area, heat absorbency properties of the substrate and shuttering. Consult our Technical staff for advice.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

No of components	:	3
Mixing Ratio	:	
Mix as supplied, epoxy / activator by volume:	:	
Pot life (1/2l) @ 25°C	:	45 minutes
Full Cure	:	7 days
Compressive Strength	:	2 days 50 mPa 7 days >90 mPa
Bond strength to concrete	:	4 mPa concrete fails
Colour	:	Natural
Volume Solids	:	100%
Application Temp.	:	Min 15°C Max 40°C
Density	:	1.85
Thinners	:	Do not use
Cleaner	:	W.S.B.C.
Shelf Life	:	18 - 24 months

Surface preparation

All surfaces with which the Ivory 318/30 will be in contact must be clean and dry, sound, free of laitance, dust, rust or mill scale. For maximum adhesion scarify or scabble concrete to expose aggregate.

Mixing and Pouring

- To avoid entrapping air that reduces the performance of the grout, the following procedures should be adopted.
- Thoroughly mix the epoxy and activator components together using a low speed mechanical stirrer or hand paddle.
- Slowly add the filler and continue mixing until a homogenous mix results.
- Allow to stand for 10 minutes for air bubbles to escape.
- Slowly pour the mixed product into the area to be grouted.