

Description

Pourable grout formulated from 3-components epoxy resin, with negligible shrinkage.
Resistant to moisture and chemical agents.

Field of use

GANTREX EPG is suitable for:

- Holding down bolts pre-anchoring.
- Sole plates fixing for handling rails.
- Sole plates anchoring.

Application

GANTREX EPG is suitable for gap sizes between 5 and 75 mm at 20°C.
Do not cure neither below 5 °C, nor above 35 °C.
Pot life, before pouring : about 12 minutes.

Technical characteristics

Yield : ± 1,8 kg/litre

Working time at 5°C : approx. 5 hours
10°C : approx. 3 hours
20°C : approx. 1 hour
35°C : approx. 40 minutes

Mechanical characteristics at 20°C

Time	24 hours	7 days	28 days
Compression (N/mm ²)	52	70	80
Flexion (N/mm ²)	25	35	-

Packing

Supplied in 25 kg-packs : resin, filler and hardener.

Shelf life

About 12 months if stored in cool, dry, frost-free conditions.

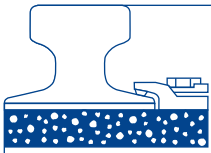
Tools cleaning

With solvent, then rinsing with water.

Material safety data

Conforms to EC SDS Directive 91/155, available on request.

On reverse : Instructions for use ►



Instructions for use

PREPARATION

It is essential to remove all grease, oil, dust, water and other loose material before pouring the resin.

- On concrete : concrete surfaces must be adequately prepared by a suitable method as scabbling or grit blasting to give a clean freshly exposed surface. Minimum surface texture of ± 1 mm. Cleaning as here above.
- On steel surfaces : contact surfaces should first be blasted (Sa 2 1/2) followed by degreasing immediately prior to bonding. Where corrosion is absent, wire brushing to a clean bright surface may be adequate. Preliminary cleaning as here above.
- If a shutter is used, this will have to withstand the hydrostatic or pumping pressure. The sealing can be obtained with common grout.

MIXING

Pour the contents of the bottle of hardener into a suitable bucket and add the contents of one can of resin. Mix for at least 30 sec. This is followed by the slow and continuous addition of all the filler until the whole mix is of uniform consistency and colour.

Care should be taken to avoid entrapment of air into the grout during mixing.

For sections thicker than 50 mm, the addition of up to 12.5 kg of dry, 5 mm-round pea-gravel per 25 kg mix is permitted.

APPLICATION

The mix can be either poured or pumped.

Pouring

This can be either from the side or through centre holes (mini. 20 mm dia.) in the plate using a large funnel (2 litre); an hydrostatic pressure is imperative.

When pouring from the side, a head of minimum 15 cm must be continuously maintained.

Pumping

Pumping will be used for thicknesses less than ± 15 mm and /or for wide surfaces. For long plates a peristaltic pump is best used. Gently displace the hose with the pump running when the grout has reached the far side to avoid any air pocket.

HEALTH AND SAFETY

All skin contact with epoxy resin should be avoided. Operatives are advised to use adequate cream and protective clothing including gloves and goggles.

More detailed information is given on the packs.

The hardener content is alkaline and labelled as corrosive.

The resin content is labelled as irritant.

After contact with eyes, rinse immediately with plenty of water.

After contact with skin, rinse immediately with plenty of soap and water.

In any case, seek medical advise.

FIRE-FIGHTING MEASURES

Suitable extinguishers : water mist, carbon dioxide, foam and dry powder.

Do not use high-pressure water jet extinguishers.

We reserve the right to discontinue or change specifications or design at any time without prior notice and without incurring any obligation whatsoever.

