



KEM GROUT PR

Polyester Resin Grout

Description

It is two pack polyester resin based anchoring or grouting material used in the form of mortar. The base & hardener are mixed before use in overhead or horizontal applications. The thixotropic nature of the mix prevents the grout from flowing out of the hole.

Uses

- Foundation bolts base and stress anchor plates
- Tie-back anchors
- Overhead rail tracks
- Starter bars and dowels

Advantages

- Rapid strength gain
- Vibration resistant
- Corrosion resistant
- Non - expansive
- Can be placed under water

Typical Properties

Consistency: Mortar

Gel Time : 30 min

Compressive Strength @3 Hrs: 20 Mpa

Compressive Strength @7 Days: 70 Mpa

Gel Time Temp (°C)	Gel Time (min)	Min Time Required Before Loading (hrs)
30	40 – 45	2 – 3
40	15 – 20	1

After the minimum time required for loading the grout, it attains a compressive strength of

20N/mm² in 3 hrs and a final compressive strength of 70N/mm² in 7 days when tested as per BS 6319.

Standards

KEM Grout PR complies to BS 6319.

Direction for use

Clean the substrate to be treated. Remove all loose dirt, oil, grease, water, etc. to make it free from any contaminant.

Drill a hole into the surface as required. Ensure all the sides are roughened and dust free.

To clean the holes thoroughly, using oil free compressed air.

Thoroughly flush the substrate with water.

Pour KEM Grout PR Base into a pan. Next, add KEM Grout PR Hardener from the tin container.

Mix the two to produce a smooth thixotropic paste. Mixing may be carried out mechanically or manually using gloved hands.

Pour the mix into the hole and fasten the bolts, hooks or anchors.

Packaging

1 kg

Coverage

1 kg KEM Grout PR yields 0.5 litres approx.

Storage and Shelf life

In a cool and dry place away from moisture and direct sunlight.

Shelf life is 6 months if stored away from high temperature.

Technical Service

Chembond has established itself in various fields on the basis of its dependable technical service. For this purpose, we maintain a well equipped laboratory for research & quality assurance of all products. Our experienced personnel are always on call and would always be available for product demonstrations and product performance monitoring.





Safety precautions

The thixotropic paste should be placed well within the gel time of 30 minutes.

KEM Grout PR packs have been designed to produce practical and economic volumes of grout. Do not mix partial pack components.

Chembond Chemicals Limited

Chembond Centre, EL-71, MIDC,
Mahape, Navi Mumbai, India 400 710.
Tel.: +91 22 39213 000, Fax: +91 22 3921 3100,
[website : www.chembondindia.com](http://www.chembondindia.com),
[e-mail: enquiries.conschem@chembondindia.com](mailto:enquiries.conschem@chembondindia.com)

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