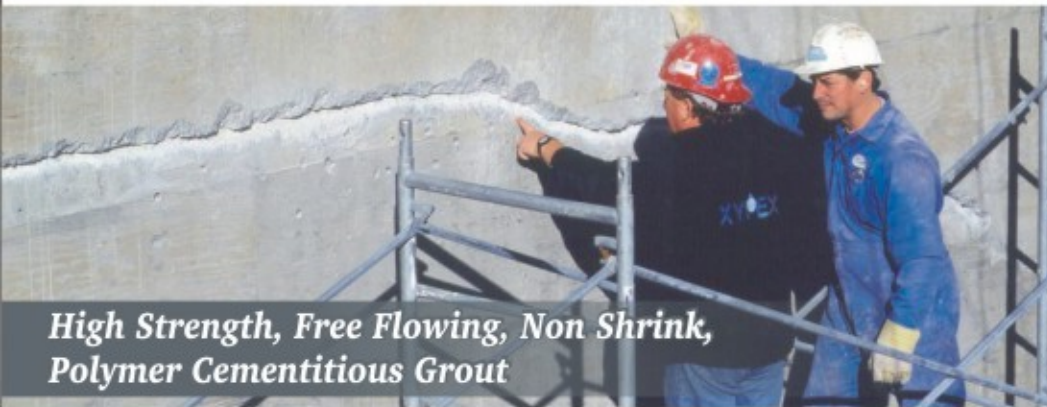


# K GROUT



## High Strength, Free Flowing, Non Shrink, Polymer Cementitious Grout

### Description :

KGROUT is a two pack high strength polymer based cementitious grout specially formulated using a Portland cement powder mix. The mix design consists of a blend of fine and ultra-fine cements, high quality graded sands and a set of synergistic admixtures. The mix design includes special shrinkage compensating components, which gives a non-shrink grout in plastic states.

### Uses :

- High strength grout and support for : crane rail tracks, stanchion bases, Machine bed plates for reciprocating, rotational and impact machinery.
- The material is also suitable for grouting of struts, railing guard rail assemblies, construction joints in pre cast slabs.



### Advantages :

- Precision grout material highly compensate for shrinkage which impart controlled expansion in the plastic state, thus it compensates for shrinkage and settlement.
- Improves tensile properties.
- Excellent bond with the substrate.
- It ensures high level of contact with increased flow ability.
- It produces high ultimate strength and low permeability of water.



### Application Instructions :

#### PREPARATION

Formwork should be erected and made grout-tight. The formwork must be designed with sufficient hydrostatic head to ensure grout flow into and across the grouting area. Saturate the grouting area with water. Leave for 1 hour and then blow out any surplus water.

#### MIXING

KGROUT should be mixed with the specified amount of liquid polymer, preferably by mechanical means, for a minimum of 3 to 5 minutes. Do not mix more material that can not be used in 15 minutes. This material is not suitable for mixing by hand.

#### PLACING

Grout should be placed within 10 minutes of mixing. Continuous placing is important, pouring from one side of the formwork until the grout appears at the opposite side of the grouting area. Do not disturb once grouting has been completed. KGROUT may be placed at temperatures between 5°C and 45°C.

#### CURING :

6 – 8 hours after grouting, all exposed areas must be cured with wet Hessian cloths (keep wet always) or water ponding wherever possible for minimum 7 days. [Separate application details are available by request].

### Properties :

1. Flow on flow Table : 16 to 18 cms.
2. Expansion : 0.8 to 1.4 % by volume.
3. Compressive strength

AGE IN DAYS	COMPRESSIVE STRENGTH IN KG/CM <sup>2</sup>

The optimum dosage is best determined by site trials. The dosage rate is 500 ml to 1 ltr. per 50 kg of cement.

### Packing :

25 kg. woven bag.

### Shelf Life :

12 months storage life when stored in original unopened container at between 5 °C to 45 °C in a dry and shaded place.

### Health & Safety :

KGROUT is non-hazardous. It should not be swallowed or allowed to come into contact with skin or eyes. Suitable protective goggles and gloves should be worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical attention immediately, do not induce vomiting.



### Note :

All information is given in good faith on the results gained from experience and tests. However, all recommendations or suggestions are made without guarantee since we don't have any control on site conditions and its uses.