

# ADMIX GROUT I

NON-SHRINK, FREE FLOWING, SELF LEVELLING, HIGH STRENGTH  
CEMENTITIOUS GROUT

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## PRODUCT

Single pack ready to use, non-shrink, free flowing, self levelling, cementitious grout designed with a blend of specially processed cement and fillers.

## BENEFITS

Non-shrink characteristics, retain original volume by expansion. Free flowing, self-levelling grout easily filling under-bases of machinery. Pre packed batches ensure consistent material and only addition of water required at site. Non-metallic & chloride free.

## USES

Bolt pockets and base plate grouting of all rotary and static equipments. Also grouting of stanchion bases of all types of machinery in industries or industrial projects.

## DESCRIPTION

ADMIX GROUT I is based on specially processed cement, fillers and additives. It is ready to use component and only addition of water required at site. 25 kg ADMIX GROUT I requires 4.75 ltr of water for flowing grout. Water powder (w/p) ratio is 0.19. ADMIX GROUT I is suitable for thickness between 10mm to 50mm. However in excess of 50mm thickness, cleaned and washed 10mm aggregate can be incorporated to the mix at the rate of 50% to 100% of the quantity of grout used. Controlled expansion takes place in the unset material to ensure that the grout, when cured, will continue to occupy its original volume. For thicker section it is necessary to incorporate well graded and washed aggregate in to the grout to minimise heat build up.

## STRENGTH DEVELOPMENT

The compressive strength development of ADMIX GROUT I, generally found to be as follows:

<u>AGE IN DAYS</u>	<u>COMPRESSIVE STRENGTH IN kg/cm<sup>2</sup></u>	
	<u>Pourable W/P 0.17</u>	<u>Flowable W/P 0.19</u>
1	200	150
3	300	250
7	375	325
28	500	475

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7.07cm x 7.07cm size restrained cubes were tested

## PRODUCT PROPERTIES

Yield per 25 kg : 14 ltr approx. Pourable life : 15 minutes max.

Density: 1800kg/m<sup>3</sup>

Application: 10°C to 40°C, Expansion (% Vol) 0.8 to 1.5,

Flow on flow table : 18 to 24cms.

## PACKING & SHELF

Available in 25kg HDPE bag. Shelf life: 6 months from the date of manufacture, if stored in original container under shade, unopened.

## QUALITY ASSURANCES

ADMIX GROUT I is manufactured under stringent quality control and compatible with different climates of India.



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