



# SOUNDGROUT - GPG 2

## GENERAL PURPOSE NON-SHRINK GROUT



### Description

Soundgrout - GPG 2 is a versatile, cement-based dry premixed grout. It is non-shrink, high strength, and free flowing.

### Usage

Ideal as a pouring material for foundation of machinery, base plates, and as an anchoring for fixtures.

### Characteristics

The material hardens hydraulically without shrinking and has excellent bonding properties. It also has low permeability, and high early and final strength expansion type gaseous expansion systems.

### Grades Available

M 40 & M 70

### Product Information

Chemical Base	Non-shrink Cement Base Grout.
Packaging	25 kg
Appearance / Colour	Grey Granular Powder
Shelf Life	6 months from date of production under cool and dry conditions
Water Powder Ratio	0.18 .
Fresh Mortar Density	2.2 kg / Ltr .
Workability	40-60 Mins
Free Expansion	2% - 4% in plastic state
Flow	FlowTable ( without vibration > = 260 mm )
Yield	1 bag will yield 12.5 ltr in pourable and 13.3 ltr in flowable consistency, 10 mm thick @ 1 Sqm.
Curing	3 Days with wet Hessian cloth
Consumption / Coverage	Approx 13.2 sq. ft. with 10mm thickness / 25 kg bag

COMPREHENSIVE STRENGTH				
	GRADE M40		GRADE M70	
AGE	KN	N/MM2	KN	N/MM2
1 DAY	56	11.43	159	32.45
7 DAYS	156	31.84	311	63.47
28 DAYS	208	42.45	345	70.41

FLEXURAL STRENGTH		
	GRADE M40	GRADE M70
AGE	N/MM2	N/MM2
1 DAY	4.63	6.85
7 DAYS	8.64	9.21
28 DAYS	9.97	11.27

### Mixing

Mix in a clean container using a mechanical mixer mix thoroughly with 4.5 litres of water per 25 kg to achieve flowable consistency, and 4 litres for pourable consistency.

### Surface Preparation

Ensure all backgrounds are clean and free from grease, dust, and other debris that could affect the application. Soak the area with water for at least 10 to 12 hours before applying the grout. Before pouring the grout, drain any excess water from the surface. Use compressed air to remove any trapped water from cavities and holes.

### Application

Immediately pour or fill the material onto the background after mixing. Avoid trapping air underneath. Apply the grout in a single layer, up to 100mm thickness. For greater thickness, add 50% by weight, coarse aggregate (10mm medium size). Ensure enough quantity is available for continuous grouting. Do not add water to set or stiff mixes as it will affect properties.

Special Note: When the ambient temperature is above 40°C, it is advised to use cool water with a temperature of around 20°C.

### Technical Assistance

The technical team at Sound Build Care Pvt Ltd. is ready to assist you anytime in case of any technical queries

### Warranty

If applied as per the recommendation in the product data-sheet, SOUNDGROUT - GPG 2 is guaranteed for the purpose of which it is recommended. We cannot assume responsibility for misuse of our products. We assume no responsibility for the finished work as we have no control over factors such as mixing, application, background preparation, weather and other conditions that may prevail at the time of applications.

## SOUND BUILD CARE PVT. LTD.

Manufacturers of Building Construction Products

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