

CEMGROUT SG

NON-SHRINK GROUT HIGH COMPRESSION STRENGTH



DESCRIPTION

Cemgrout SG is a special type of cement. It is a ready-to-use product that can withstand high compressive strength, does not shrink, has fluidity and can adjust surface level on its own. and can also do can work well in general ambient temperature conditions

USES

Cemgrout SG helps prevent concrete shrinkage. and reduce vibrations on the foundation Able to withstand high compressive strength, suitable for foundations, buildings, beams, bridges, railway sleepers, and buried work, etc.

BENEFITS

- Can flow well, is liquid, and can adjust the surface level by itself.
- Does not shrink and maintains its shape well.
- Provides high and fast compressive strength.
- Not greasy.
- Non-corrosive.
- Does not contain chloride.
- Very resistant to shock and vibration.

APPEARANCE

Powder

COLOR

Grey

Technical Data :	
Density	~2.0 Kg / Liter
Expansion	0.25 % - 1.0 %
Expansion time	15 min. – 2 hour
Compressive strength	Volume of water: 4 liters 1 Day 42 N/mm2 3 Day 58 N/mm2 7 Day 66 N/mm2 28 Day 77 N/mm2
	Volume of water: 3.75 liters 1 Day 53 N/mm2 3 Day 68 N/mm2 7 Day 78 N/mm2 28 Day 85 N/mm2
Shelf life	12 months in unopened container stored 25°C
Packaging	Cemgrout SG 25 kg.

NOTE: Coverage figure given is theoretical. Due to wastage factors, the variety nature of the substrate, and the site application condition, etc., the practical coverage may be reduce.

The information given in this data sheet is to the best of our knowledge true and accurate; but as we have no control over where or how the product is applied, there are no warranties expressed or implied regarding the product's use or performance. Customers are advised to thoroughly test before adapting them to their own use. It is strongly recommended to trial on small area before large scale application.

WEBSITE

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INSTRUCTION FOR APPLICATIONS

SURFACE PREPARATION

- The surface must be clean and free from dust, grease, lubricating oil, rust, curing solution, paint, or loose cement and stains. or other impurities completely removed
- Sprinkle water on the surface. Keep the skin moist. But there must be no standing water.

MIXING

- Pour the specified amount of water into the mixer at a low speed of not more than 500 rpm.
- And slowly pour Cemgrout SG into the machine little by little continuously.
- Once the cement powder is added, mix for another 5 minutes or until the mixture is uniform.
- Let the mixture rest for 20 minutes to allow the chemicals to fully expand. and reduce air bubbles caused by mixing
- Do not add water to the finished mixture.

Note: You should observe the level of water added. and the mixing period shall be as specified.

WATER FILLING AMOUNT

Water volume 3.75 liters or 4 liters : Cemgrout SG 25 kg.
The recommended amount is 3.75 liters of water.

APPLICATION

Pour the mixed Cemgrout SG into the prepared form and make sure that the mixed Cemgrout SG does not have air bubbles. When pouring Cemgrout SG cement under the steel plate, the pouring pressure must be controlled. This is consistent and continuous. And you must make sure that the form for casting Cemgrout SG is well installed and has no leaks. Cemgrout SG can be poured in the area. with a narrow channel and a width of up to 10-100 mm.

SPECIFICATIONS

Cemgrout SG used must be carried out using the manufacturer's instructions and used according to the manufacturer's data sheets.

CURING

After the grouting has been completed. The floor should be kept wet. By curing the cement grout with water and covering it with sacks for at least 3 days to protect it from sunlight and cool weather. It is recommended to use Cemkure S concrete curing solution to apply or spray on the desired area.

CLEANING

Rinse tools as soon as you are finished with clean water.

Packaging

Cemgrout SG : size 25 kg./bag

SHELF LIFE

12 months from production date in an unopened container and stored in a dry place Avoid exposure to sunlight.

PRECAUTIONS

HEALTH AND SAFETY

You should wear gloves, goggles, or a mask for protection while working. Contact with skin or eyes should be washed off with water immediately. If an allergic reaction occurs, you should immediately see a doctor.

ADDITIONAL INFORMATION

Cemkrete manufactures a wide range of those complementary products which includes:

- Waterproofing membranes & waterstops
- Joint sealants & filler boards
- Cementitious & epoxy grouts
- Specialized flooring materials
- Fireproof coating and systems
- Concrete admixture
- Repairing material

For further information on any of the above, please consult your local Cemkrete office - as below.

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