



Ultimate WaterProofing Solutions

CEMCURE® RGS3

A Soil Stability Improving Product

DESCRIPTION

Cemcure RGS3 is a chemical, soil stabilizer and strengthener product. It is supplied as a viscous liquid based on a blend of silicates and proprietary chemicals that can be spray applied. Its intended use is as penetrating sealer and surface hardener for soil.

Depending upon the soil type and quantity of product used, the CBR value can be increased by 50 %.

USES / ADVANTAGES

- Ready-to-use liquid that can be sprayed
- Significantly improves soil stabilization
- Increases load bearing strength of all type of soils
- As a sealer for road bases and helps construct strong compacted stabilized roads
- Useful for reducing dust when sprayed on road
- Water-based, environmentally friendly, with no VOC

APPLICATION

- Level the dumped soil with wheel loader and motor grader, according to survey marks.
- Furrow the in-situ soil to a depth of 100- 150mm.
- Rake the soil until it is fine by removing any big rocks.
- Load Cemcure RGS3 solution into a water truck fitted with sprayer (As recommended dilute the product with water to assist with the equal distribution of the product).
- Spray the Cemcure RGS3 solution over the prepared soil.
- Mix the soil thoroughly with motor grader with scarifier blades until a uniform moisture content and colour is achieved.
- Compact the soil with motor roller (2 passes on full vibration mode in one direction).
- Compact the treated area further with a pneumatic roller if a smooth surface is required.

- Repeat the sequence till the surface becomes smooth and hard.
- After 24 hrs, compaction of soil should be repeated using motor roller (2 passes on full vibration mode in reverse direction). If the weather is hot, spray plain water prior to compacting.

Soaked CBR Properties (%):

Without Cemcure RGS3	: 8
With Cemcure RGS3	: 12

TECHNICAL DATA

• Appearance	: Viscous Liquid
• Colour	: Clear to Cloudy
• Odour	: Odourless
• Solubility	: Complete
• Solid Content	: 65%
• Specific Gravity at 25° C	: 1.45 kg/ kg
• Flash Point	: boils at 101°C
• Auto ignition temperature:	N/A
• Ph	: 11 – 12.5

COVERAGE

Dry Soil	: Dilute with water 1:50
Normal Soil	: Dilute with water 1:30
Wet Soil	: Dilute with water 1:20

RGS3 Version 01-31/12/2019

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PACKING

5kg, 20kg, 50kg

SHELF LIFE

12 months in a closed uncontaminated container should be used before the use -by- date printed on the container. However, if the product is past its use-by-date it is not necessarily unusable. A quality control test should be performed on the properties relevant to the application or the manufacturer contacted for further advice.

STORAGE

Once opened, remaining material should be sealed and stored in a cool, dry place. Care should be taken to always keep product away from extreme heat or direct sunlight.

HEALTH & SAFETY

Non-hazardous, non-toxic, non-flammable

Cemcure RGS3 is strongly alkaline and corrosive both as a concentrate and in its diluted form. Goggles should always be worn when handling the product. Any splash-
-es on the skin should be washed off with plenty of water. If any of the products gets into eyes, wash them immediately with plenty of water and seek medical advice because of the effect of the corrosive alkali. Clothing wetted with Cemcure RGS3 must be taken off immediately

IMPORTANT NOTE: CEMCURE products are non-hazardous when properly handled, applied and stored. When handling suitable protective clothing should be worn. The materials should not be ingested, inhaled or make skin contact. MSDS are available.

WARRANTY: The information given in this data sheet is based on many years of experience and is correct to the best of our knowledge and should be used only as a guide. Cemcure Chemtech reserves the right to alter certain product parameters within the spectrum of properties in order to keep abreast of technical advances. The information in this document is based on the present state of our knowledge and is applicable to the product. Cemcure Chemtech is responsible for the quality of the product at the time of dispatch but is not responsible for its quality after subsequent storage, handling and application. Neither Cemcure Chemtech nor its associated companies shall be held liable for any damage resulting from handling of or contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

All our products are environmentally friendly, water-based, non-toxic, non-flammable and have no VOC

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