

CHEMRITE GROUTS – Bar Grout

Bonds to damp concrete, multi-purpose

Product Description

CHEMRITE® Bar Grout is an easy-to-use, 2-component epoxy cartridge for securing re-bar or threaded bar in concrete, timber, stone, or masonry. CHEMRITE® Bar Grout is also manufactured to a quick-set (QS) grade.

Bar development lengths in accordance with AS3600. CHEMRITE® Bar Grout is suitable for dry, damp and wet holes.

Features

CHEMRITE® Bar Grout is a versatile, multipurpose, no-mess epoxy formulated to attain high strength. The QS version is a very fast cure, sag-resistant compound that is great to fix bars.

Some other features:

- No-mess
- Easy dispensing
- Multi-purpose – can be used to fill holes/gaps
- Excellent adhesive
- Allows for oversized holes (accommodates holes up to 3 times the bolt diameter)



Typical applications

- Threaded Studs
- Starter Bars
- Remedial Wall Ties
- Filling and repair of holes or deformations

Technical

Product Name	Bar Grout	Bar Grout QS
Product Code	040.10.1	040.21
Shelf Life (closed in container provided)	2 Years	2 Years
Work time (@25°C, 55% RH)	10 Minutes	5 Minutes
Cure time (@25°C, 55% RH)	3 Hours	45 min
Compressive Strength	105 Mpa	75 Mpa
Chemical Resistance (Oils, Solvents)	Excellent	Excellent
Colour	Light Grey	Light Grey
Hole condition	Dry or Damp	Dry
Packaging	Cartridge / pail	Cartridge / pail

Preparation and application

Preparation

Concrete should be at least 7 days old. The area should also be free from oil, dust, rust, wax, grease and loose particles. Remove dust and debris by blowing or vacuuming (If hole is wet or flooded, remove excess water with wet/dry vacuum)

Application - cartridge

Opening instructions are provided on the cartridge. Once open, attach the static mixer to the end of the cartridge and insert the cartridge and mixer into the gun. Slowly apply pressure and pump the epoxy through the mixer. Prime the static mixer by discarding the first 20 ml pumped (this can be seen by a good mixing of the components). Insert tip of nozzle to bottom of hole and fill the hole to about 2/3 full. Insert threaded stud or reinforcing bar with rotating motion to release trapped air. Wait until the epoxy has fully cured before loading. Replace the cap as per the instructions on the cartridge.

Use the pails in a similar fashion. Ensure the products have been mixed correctly and the hole is filled from the bottom up avoiding the entrapment of air

Cleaning

All tools and spillages can be cleaned before the curing process has started using the CHEMRITE Technologies cleaner (A011).

Packaging

CHEMRITE® Bar Grout is packaged in 600 ml cartridges and 2, 4, 10 and 20 litre kits.

Safety Precautions

Whenever applying an epoxy resin, protective clothing must be worn. At a minimum, suitable rubber gloves and protective eyewear must be worn.

This epoxy is classified as hazardous and it is recommended that you refer to the Material Safety Data Sheet (MSDS).

Product Disclaimer

This Technical Data Sheet (TDS) summarises to the best of our knowledge the product and how to use and apply the product based on the information available to us at the time. It is recommended that you read this TDS and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. If you are uncertain about any content herein, it is strongly recommended that you contact one of our technical experts for advice. Our responsibility for products sold is subject to the CHEMRITE® Technologies standard terms and conditions of sale. We do not accept any liability for any losses suffered for damages of any nature whatsoever resulting from the use of or reliance upon information or the product to which information refers.

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