

## A flowable, non-shrink, cementitious bulk grout.

### Product Description

**GripGrout BG** is a flowable cementitious-based high-strength, non-shrink and non-metallic mix designed for high performance grouting applications where thicker, crack-free, high-strength applications are required.

### Chemical Base

- Specially selected cementitious blends
- Non-shrink additives
- Water-reducing additives
- Graded siliceous high-wear resistant aggregates
- And other chemical reagents which enhance the total performance of the grout

### Characteristics/Advantages

- Easy to use (just add clean water)
- Non-corrosive (will not attack reinforcement)
- Non-metallic
- Non-bleeding
- Excellent adhesion
- Excellent high early and initial strengths, quick return to service
- Very good placement and finishing characteristics
- Non-shrinking
- Adjustable consistency (controlled by the amount of water added)

### Typical Applications

- Bedding: machine bases and similar
- Concrete repairs: Grouting cavities and voids in concrete
- Pavement and small area flooring applications

### Surface Preparation

The concrete surface or substrate must be structurally sound, remove all loose concrete. Surfaces must be free of oil, greases, dust, rust, paint laitance and any other contaminants.

### Priming/Structural Bonding

No primer required

For structural bonds use **GripEpoxy 107 – Wet to Dry Epoxy Adhesive** (refer to spec sheet)

# GRIPGROUT BG



## Mixing

A mechanical mixer is recommended, but a conventional wheelbarrow and spade is also suitable. Add  $\frac{2}{3}$  of the required water into the mixer, and then slowly add the **GripGrout BG** whilst mixing. Add the remainder of the water into the mixer until the desired consistency is achieved and free from lumps.

Flowable consistency add up to – 2.8L water  
Plastic consistency add less than – 2.8L water

## Placing/Application

The concrete surface must first be saturated with water (ensure there is no free standing water)  
The mixed **GripGrout BG** should be poured within 10 minutes of mixing into the cavity from one point to avoid entrapping air.

## Application Properties

Minimum grout depth = 20mm

## Curing

The grout areas should be covered as soon as possible.  
Alternatively, apply **GripCure Acrylic** or **GripCure Wax** curing compounds.

## Product Data

Appearance:	Powder
Colour:	Grey
Packaging:	25kg plastic lined polypropylene bags
Storage Conditions:	Store in a dry cool area, between 5 -25°C
Shelf Life:	12 months in original unopened bags, when stored in the correct storage conditions

# GRIPGROUT BG



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Construction  
Chemicals

## Mechanical / Physical Properties

Type of Grout Mix	Flowable bulk grout
Mix Ratio	2.7L – 2.9L
Ambient temperature at mixing	25°C
Yield	12L to 12.2L
Compressive Strengths 1 day 7 days 28 days SANS 50196 - 1	≥17MPa ≥50MPa ≥65MPa
SET TIMES Initial Set Final Set SANS 50196 - 3	≥60 min ≤400 min
Shrinkage EN 12808-4 : 2009 [mm/m] 28 days Standard Conditions	0.5

## Limitations

Do not mix more than 2.9L of water with **GripGrout BG**

Mix only the required amount which can be placed within 10minutes.

Discard mixed **GripGrout BG** not used within 30 minutes. DO NOT REMIX WITH ADDITIONAL WATER.

Do not apply if surface area temperature is below 5°C.

**GripGrout BG** can used as a concrete floor repair system, in 1m x 1m sections (No greater)

Cut & break out 1m x 1m sections, minimum depth of 30mm and maximum depth of 300mm.

(Priming, application & curing, refer to method statement above)

**GripGrout BG CANNOT BE USED AS A CONCRETE FLOOR OVERLAY OR UNDERLAY.**

For concrete floor overlays & underlay's use **GripScreed RSL10**, **GripScreed M50** or consult a technical sales representative for advice.

## Health and Safety

Refer to **GripGrout BG** MSDS sheet

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