



**PRODUCT DATA SHEET**

**PRODUCT CODE: C254SZ**

**SUPAGROUT SUB ZERO**

**Description**

SUPAGROUT SZ is a high early strength, non-shrink grout. The product is designed for use in extreme cold weather conditions of up to minus -10°C

**Principal uses**

- Anchor bolts and starter bars in adverse weather
- Concrete floor repairs in cold and freezer rooms
- Base plates, bearings and columns

**Advantages**

- Good flow properties
- Shrinkage compensated
- Early strength development

**Performance data**

Compressive strength (water @4.3ℓ per 25kg)

6 Hours	1 Day	3 Days	7 Days
25Mpa	46Mpa	56Mpa	59Mpa

Early Height Change Positive  
 Hardened height Change Positive  
 Bond strength ASTM-C882 >12

**Workability**

The mixed product is semi flow-able and easy to apply and work off for a neat finish

**Surface preparation**

Concrete substrate must be structurally sound. Remove all oil, grease, paint, corrosion, dust and surface deposits. This can be done by wire brush or sand blasting. Prime surface with *Plaster Key* to improve bond

**Limitations**

Water must be heated to 55°C. Avoid excessive ambient temperatures of 35°C and higher. Grouting in sub- zero conditions requires specific caution please consult a company representative for a method statement

**Mixing instructions**

Pre wet concrete mixer, add between 3ℓ and 4.5ℓ of hot (55°C) water into the mixer, depending on the consistency required. Add the contents of the bag and mix until desired slump is achieved

**Yield**

Mixed with 3ℓ of water will yield 12ℓ  
 Mixed with 4.5ℓ of water will yield 14ℓ

**Set time**

Water content	Initial set	Final set
4ℓ per 25kg	30 min	1 hour

**Packaging**

SUPA GROUT SZ is available in 25kg bags

**Safety & handling**

Wear dust masks when mixing. Use gloves, eye protection at all times. Should the product come into contact with eyes, wash immediately and seek medical advice

**Shelf Life & Storage**

12 months when stored in a cool dry place, failure to comply with these recommendations will result in a reduction in shelf life

**Note**

Ensure water is heated up before adding to the mix, do not boil the water. Ensure that grout does not freeze until desired strength is achieved

Note: The information and specifications provided is to the best of our knowledge. The technical data contained herein are true and accurate at the date of issue and are subject to change without prior notice. No guarantee of accuracy is given or implied. We guarantee our products to conform to ASHAKepoxerite quality control. We cannot be held responsible or liable, directly or in directly for the use of our products, coverage, performance or injury resulting from use, as we have no control over the method of application used or site conditions. For further technical and method statements, contact our Technical representatives.