



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

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