

## PRODUCT DATA SHEET

### Description

SUPERGROUT PF is a high flow non-shrink cementitious grout that can be used where a low viscosity is required or limited accessibility for precision pouring. C251PF meets the Following requirements;

CRD-C621-82A

ASTM C1107-91

### Principal uses

- Baseplates, starter bars and dowels
- Bridge bearings
- Void filling in concrete or steel sections
- Machine bases and structural columns

### Advantages

- Controlled expansion
- Non Shrink
- Exceptional flow
- High bond strength to steel and concrete
- High strength

### Performance data

Property	Typical results		
	24 hours	7 days	28 days
Compressive strength			
Water @ 4.5ℓ per 25kg	17Mpa	49Mpa	65Mpa
Water @ 4.0ℓ per 25kg	24Mpa	63Mpa	78Mpa

70,7MM CUBES USED

An unrestrained expansion of 1% to 3% is typical

Restrained expansion 0 - 0.4%

Flexural strength @28 days 8.2Mpa

Tensile Strength @ 28 days 4.3Mpa

### 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. Ensure surface is wet or prime with *Plaster Master* to improve bond

### Limitations

Do not grout at temperatures below 9°C. Avoid excessive heat 35°C and higher when grout is placed from a minimum lift of 12mm to 100mm lifts (maximum lift 150mm)

Wet hessian or cooling of water may be used to reduce evaporation rate.

Grout cannot be reworked by later addition of water  
Use curing compounds for improved results

### Mixing instructions

Flowable @4ℓ of water

Fluid @4.5ℓ of water

### Yield

Mixed with 4.5ℓ of water will yield 12,7ℓ

### Set time

Water content	Initial set	Final set
4.5ℓ per 25kg	2-4 hours	8 hours

### Packaging

SUPAGROUT PF 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

### Notes

C251PF is not designed for dry-pack or hand-pack applications. For any epoxy grouting, placement grouting, rapid set grouting consult your local representative for related products to suit specific requirements. For further instruction please consult your local representative for a method statement

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