



PRODUCT DATA SHEET

PRODUCT CODE: C251PF

SUPAGROUT PRECISION FLOW

Description

SUPAGROUT PF is a high flow non-shrink cementitious grout that can be used where a low viscosity is required or limited accessibility

Principal uses

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

Advantages

- Controlled expansion and shrinkage
- Exceptional flow
- Adjustable consistency
- High bond strength to steel and concrete

Performance data

Property	Typical results		
	24 hours	14 days	28 days
Compressive strength			
Water @ 4ℓ per 25kg	24Mpa	52Mpa	58Mpa
Water @ 4.85ℓ per 25kg	16Mpa	43Mpa	49Mpa

An unrestrained expansion of 1% to 4% is typical

Restrained expansion 0 - 0.4%

Flexural strength @28 days 8.2Mpa

Tensile Strength @ 28 days 4.3Mpa

Workability

When mixed the product is extremely flowable

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 Key* to improve bond

Limitations

Do not grout at temperatures below 9°C. Avoid excessive heat 35°C and higher, wet hessian may be used to reduce evaporation rate. Grout cannot be reworked by later addition of water. Use curing compounds for improved results

Mixing instructions

Pre wet concrete mixer, add between 4ℓ and 4.5ℓ of water into the mixer, depending on the required viscosity. Add the contents of the bag and mix until uniform

Yield

Mixed with 4.5ℓ of water will yield 14ℓ

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

For any epoxy grouting, precision 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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