

Conrep SF65 Non Shrink Cementitious Grout

Description

Conrep SF65 is a ready for use, non-shrink and cementitious grout. Conrep SF65 is formulated using selected aggregates and plasticizers resulting in high flow ability with minimum water additions ensuring high compressive strengths.

Uses

All grouting applications requiring no shrinkage, good flow ability and high compressive strength of which typical applications are:

- Grouting and bedding of machine pump and column bases.
- Grouting holding down bolts and any applications requiring a fine grout.
- Grouting and repairing cavities and honeycombing in concrete.

Benefits

- Non bleeding.
- Chloride Free.
- Non-Shrink.
- Pourable and pumpable.
- Volumetrically stable after 24 hours.

Substrate Requirements

Contact surfaces to be clean and free from oil, dust or shutter release agents and concrete surfaces to be chipped or scarified to remove laitance. Concrete surfaces to be thoroughly pre-soaked but all surface water to be removed before application of grout. A minimum gap of 20mm between concrete bed and base plate or between bolt and cavity side is necessary, with provision for release of entrapped air being made.

Mixing of Grout

Mixing of grout to be by pan or slow speed mechanical mixer. Add 3.5ℓ of water to the mixing vessel followed by the dry grout and mix until free of lumps. Add remaining 0.5ℓ of water and mix to required consistency.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

Colour:	Natural
Yield:	25kg yields 13ℓ
Water requirements:	4ℓ / 25kg grout depending on flow requirements
Time of final set:	5 hours
Typical compressive strength:	
1 day	28mPa
3 days	42mPa
7 days	55mPa
28 days	65mPa
Density:	2kg / ℓ
Shelf life:	6 months in dry cool storage

Placing of Grout

Immediately after mixing, the grout is to be poured into the cavity at one point only to avoid entrapping air. Any grout too stiff to place must be discarded and not re-mixed. Complicated grouting situations may require "strapping" to assist flow ability. This is to be undertaken with a flexible length of thin metal or plastic.

Grout Curing

Grout surface must be kept wet and protected from sun and wind to prevent rapid drying. Cover surface with plastic membrane, damp Hessian or spray with a curing compound.

Further Information

To ensure you are specifying a fit for purpose flooring for your project please consult our Technical Advisors on the number below or visit our website to register your interest in specifying one of the most durable floors on the market.

Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.