



Technical Data Sheet

ADMIX C

Free flow, non-shrink grout additive for post tensioned cables

Description

Admix C is a pre-packed powder consisting of selected admixtures and expansive material. The addition of **Admix C** to grout mixes produces a high flow, non-shrink, and non-segregated grout. **Admix C** reduces the water demand at the desired flow, producing high strength grout with low permeability and excellent bond to steel. The low permeability grout produced with the aid of **Admix C** will reduce the ingress of harmful agents and will protect the cables from corrosion.

Applications

Admix C is ideally designed for free flow grouting in post tensioned cables used in bridges, deck ducts, etc. It is also suitable for use in cable ducts and pre-stressed structural elements.

Advantages

- Will produce a non-shrink grout which is compensated for shrinkage and settlement in the plastic stage.
- Will produce a high flow grout without water bleeding.
- Will produce an extremely low permeability grout at low water to cement ratio.
- Reduces the ingress of harmful substances.
- High bond to steel.
- High initial and ultimate strength.
- Chloride free.

Technical properties

Color:	Grey
Expansion Characteristics: to ASTM C827-87	Up to 4%
Fresh Wet Density:	Approx. 2000kg/ m ³

Method of use

- Sufficient materials should be available on site to ensure continuous grouting.
- Cables should be carefully cleaned prior to grouting.
- Cable anchorage should be sealed prior to duct grouting.

Mixing

- To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used.
- While mixing, **6kg of Admix C and 100kg cement should be added to 34±2 liter of water** and mixed continuously for 5 minutes until a uniform consistency is obtained.

Application

Placing and Finishing

In case of pumping, a suitable diaphragm pump must be used (screw and piston pump may also be suitable). The mixed grout should be pumped from one point only to eliminate air entrapment. The mixed grout should be pumped within 20 – 30 minutes of mixing.

Curing

Only exposed areas should be properly cured with water.

Storage

Admix C has a shelf life of 12 months if stored at temperatures between 5°C and 35°C in original unopened bags.

Cleaning

All tools should be cleaned immediately after application using fresh water. Hardened materials should be cleaned mechanically.

Disclaimer:

We hope that the information herein will be helpful. The data is based upon knowledge considered to be accurate and true and is offered for the user consideration, investigation and verification in the application intended. We do not warrant the results or performance attained due to the nature of the influence of other constituent components in the application.



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Packaging

Admix C is available in 6kg bags.

Cautions

Health and safety

Admix C is of low hazard and may cause irritation to skin or eyes.

In case of accidental contact with skin or eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

Fire

Admix C is non-flammable.



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