

CIKOflow SR



Shrinkage reducing admixture

Description

CIKOflow SR is a shrinkage reducing admixture specially formulated from selected polymers that offers a considerable decrease in both drying shrinkage and the number and development of several dangerous cracks and curling.

Properties & Advantages

- Complies with all types of cement.
- Useful for air-entrained concrete.
- Reduce the possibility of cracking due to drying shrinkage.
- Extends the structure's service life.
- Does not affect the w/c ratio.

Application Area

CIKOflow SR is suitable for all kinds of high service life structure. It is suitable to use for the following requirements:

- Floor and foundations.
- silos.
- Concrete pipes.
- Walls.
- Underground structure.
- Watertight construction like, water tanks, swimming pools, etc

Physical properties

Form	Powder
Colour	White
Bulk density	0.35-0.43 g/cm ³
Granulometry(%>600µm)	< 5%
PH (5% solution)	6-8

Dosage

The dose of CIKOflow SR varies from 1 to 5 percent of the cement or cementitious components by weight in the mix, including GGBFS, PFA and micro silica depending on the application.

Compatibility

CIKOflow SR, when used in the same concrete mix, it is compatible with other CIKO admixtures. If more than one kind of admixture is to be used, each kind must be added individually to the mixture.

Usage instructions

To obtain the optimal performance, CIKOflow SR should be added to the concrete together with the mixing water.

The right amount of CIKOflow SR should be added to the concrete mixture using an automated dispenser.

Packaging

CIKOflow SR, is available in 5 and 10 Kg moisture resistant bags.

Shelf life

CIKOflow SR has a shelf life of 12 months, if stored in accordance with CIKO instructions.

Storage

CIKOflow SR should be stored in unopened bags between 5°C and 35°C under enclosed shaded area.

The product may absorb moisture and should be stored in a dry area.

Opened bags should be carefully released and used within a short period of time.

Health & Safety

Use light mask to avoid inhalation of dust. Powders when wet or moist can cause burns to skin and eyes which should be protected during use. If comes in contact with skin/eyes, flush with plenty of fresh water and seek medical advice.

Refer Material Safety Data Sheet for further details.

Technical Support

For any technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off-site services to end users, specifier and contractors.

More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- Concrete admixtures and additives
- Waterproofing and damp-proof coatings
- Surface treatments
- Flooring and toppings
- Grouts and anchors
- Tile adhesives and grout
- Adhesives and bonding agent
- Concrete repair materials
- Protective coating
- Joint Sealants and Moulding compounds
- Ancillaries

Legal Notice and Warranty

CIKO warrants this product to be free from manufacturing defects and to meet the technical properties stated in the current Technical Data Sheet, if used as directed within its shelf life. Satisfactory results depend not only on quality of product but also on many factors beyond our control. CIKO makes no other warranty or guarantee, express or implied, including warranties of merchantability or fitness for a particular purpose with respect to its product. The sole and exclusive remedy of purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, at the sole option of CIKO. Any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by purchaser. CIKO will not be responsible for any special incidental, consequential including lost profits or punitive damages of any kind. Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on CIKO's present knowledge and experience. However, CIKO assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. CIKO reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.

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All CIKO products are manufactured under a strict management system conforming to and in compliance with requirements of international standards of Quality, Environmental, occupational Health and Safety ISO 9001, ISO14001 and ISO45001.



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