

CENTRO 350 WP

Waterproofing Admixture for Concrete

Identification of the Product

CENTRO 350 WP is a waterproofing liquid admixture that reduces the mixing water of concrete and increases the impermeability of concrete. It is including specially selected chemicals and compatible with other Fosroc concrete admixtures.

Areas of Usage

Used in all kinds of concretes that will be temporarily or permanently exposed to water like;
 Water tanks, pools or similar structures
 Tunnels, foundations, culverts, channels, water tanks, manholes
 Road floors concrete floors
 Concrete foundations made at groundwater level

Standards

TS EN 934-2 Chart-9: Water resisting chemical admixture

Features / Advantages

Increases impermeability against capillary water absorption compared to concrete without admixture.
 Reduces the mixing water of concrete without any risk of segregation compared to concrete without admixture.
 With its plasticizer feature, allows the concrete to settle more easily.
 Provides a significant increase in early and final strengths.
 Provides easy pumping of concrete.
 Increases the durability of concrete.
 Provides a smoother surface after placing in concrete.
 Compatible with mineral additives.

Technical Information

Chemical Content	Special Chemicals
Density	1.07 – 1.11 kg/l
pH	8.1 – 10.1
Color	Brown
Total Chloride	Maximum 0.1%
Alkali	< 5

Package

Bulk, 1000 kg IBC, 220 kg barrel and 30 kg plastic bags

Storing Conditions / Shelf Life

It is proper to use the product in 12-months after the production date when it is stored in original, unopened and non-damaged packages in between +5°C and +35°C.
 It should be avoided from direct sun light and frost.
 If the additive is frosted under +5°C, it should be thawed by waiting at ambient temperature without using direct heating and mixed until it becomes homogeneous. Compressed air should not be used during this operation.



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Dosage

It is suggested to use as 0.7 % of binder (cement, micro silica and fly ash). The dosage to be used must be determined beforehand by laboratory experiments according to concrete class and properties.

When it is required, **FOSROC IDEA Construction Chemicals** Technical Support Unit should be consulted

Application Method

After mixing binding material (cement, micro silica, fly ash) and aggregate homogeneously, only 70-80% of the total water which will be added to the mixture is added.

CENTRO 350 WP is added with the remaining water to the concrete mix.

In order to have the admixture spread homogeneously in the concrete and provide the required performance, the concrete should be mixed for 2-minutes or the period determined in laboratory tests.

Important Subjects

Admixture dosage and application method should be determined in laboratory experiments

The admixture should not be directly poured in dry mix.

Cure of the fresh concrete should be performed properly.

All equipment's should be cleaned after using them. Materials which became rigid and cured can only be taken out mechanically.

Notes

All technical information stated out in this product data sheet are based on laboratory experiments.

Values obtained in site applications may show changes because of environment and material conditions.

Health and Security Information

Users can get physical, ecological, toxicological information and recommendations related to carrying, storing and safe disposal of chemical products form (SDS) of the product.



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Fosroc Idea
Yapı Kimyasalları
San. ve Tic. A.Ş

Aydinevler Mah. Sanayi Cad.

Demirtas Plaza İş Merkezi

No:13, Kat:3 D.No:7-8

Maltepe/İstanbul-Turkey

Telefon:

+90 216 463 69 63

Fax:

+90 216 463 67 76

E-mail:

enquiryturkey@fosroc.com

www.fosroc.com