

Silkon

FLOWMIX PC 350

Silkon Flowmix PC 350 is an advance low viscosity high performance super plasticizer, based on Poly carboxylic technology which is intended for applications where high water reduction and long workability retention are required.

Silkon Flowmix PC 350 is a unique combination of the latest generation super plasticizer, based on PCE Based technology with long lateral chain. This greatly improves cement dispersion. At the start of mixing process, a steric hindrance dispersion occurs and cement particles start dispersing. This mechanism considerably reduces water demand in flowable concrete.

Silkon Flowmix PC 350 is a super plasticizing admixture to produce flowable or pumpable concrete up to M40 grade, without bleeding and segregation when added to the concrete mix having slump of at least 25mm without admixture.

Usages and Advantage

- Pumped concrete
- Concrete requiring long workability retention
- Low viscosity suitable for pumping of different grades of concrete to higher floors
- Improved adhesion to reinforcing and prestressing steel & Better resistance to carbonation
- Lower permeability
- Better resistance to aggressive atmospheric conditions
- Reduced shrinkage and creep
- Increased durability

Standard Compliance

ASTM C 494 – Type G IS 9103: 1999

Packaging

Silkon Flowmix PC350 is available in 250kg drums and bulk tanker.

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Storage

Silkon Flowmix PC 350 has a minimum shelf life of 12 months provided the temperature is kept within the range of 2° C to 50° C. If the product has frozen, thaw at room temperature and agitate to completely reconstitute it in original form. Store under cover, protect it from direct sunlight. Failure to comply with recommended storage condition may result in premature deterioration of the product or packaging.



Technical Support

Brij Additives provides a technical advisory service for on-site assistance and advice on mix design, admixture selection, evaluation trials and dispensing equipment.

Properties

Appearance	Light yellow colour liquid
pH	Minimum 6.0
Volumetric mass @ 20° C	1.07 kg/litre
Chloride content	Nil to IS:456

Dosage

The optimum dosage of Silkon Flowmix PC350 to meet specific requirements should always be determined by trials using the materials and conditions that will be experienced in use. The normal dosage range is between 0.5 to 3.0 ltrs/100 kg of cementitious material.

Over Dosage

Dosage outside the normal range quoted above can be used to meet particular mix requirements. Over dosage may cause delay in the setting time and segregation. Contact Brij Additives for advice in these cases.

Health And Safety Instructions

Silkon Flowmix PC350 does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting. For further information consult the Material Safety Data sheet available for this product.

Cleaning and disposal

Spillages of Silkon Flowmix PC 350 should be absorbed onto sand, earth or vermiculite and transferred to suitable containers. Remnants or vermiculite and transferred to suitable containers. Remnants should be hosed down with large quantities of water. The disposal of excess or waste material should be carried out in accordance with local legislation under the guidance of the local waste regulatory authority.



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BRIJ ADDITIVES PVT. LTD.

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Registered Office:

Mayadevi Gaunpalika-5,
Bhairahawa, Rupandehi-Nepal

+977-71-412050

info@brijadditives.com

Corporate Office:

House No. 301, Ward No. 1
Lalupate Marg, Hattisar-Nepal

+977-01-5970708

www.brijadditives.com



ISO 9001:2015
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Disclaimer: The product information & application details given by the company & its agents has been provided in good faith & is meant to serve only as a general guideline during usage. Users are advised to carry out tests and take trials to ensure on suitability of products meeting their requirements prior to full scale usage of our products. Since the correct identification of the problems, quality of the other materials used and on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The Company does not assume any liability or any consequences for damage or unsatisfactory results, arising from the use of our products.