

PRODUCT INFORMATION

BEST CON – A71

High Range Water Reducing Leader For Pre-cast Concrete Products

Sulphonated Silica Formaldehyde

Description

Best Con A71 is a soluble Silica formaldehyde resin based superplasticizer. It has no air-entraining. A chloride free admixture based on Silica formaldehyde, formulated for the production of rheoplastic concrete. Available as a liquid or in powder form which must be dissolved in water prior to use.

A rheoplastic concrete is a fluid, but cohesive mix with a slump value of at least 200mm. It is virtually self compacting, but at the same time free from segregation and with a water/cement ratio as a no-slump concrete with an admixture.

Standards Compliance

SMF complies with the requirements of the following standards: ASTM C 494. Type F.

Typical Properties

Items	Specification	
	SS-P (Powder)	SS-L (40%)
Visual Appearance	White Powder	Colorless Transparent or pale yellow liquid
Sodium Sulfate Content (%)	3.0 ~ 4.0	—
Solid Content (%)	—	40 ± 1
Chloride Content (%)	3.0 ~ 4.0	—
pH Value	7 ~ 9	—
Moisture (%)	4	—
Cement Paste Flow, (mm)	220	—
Solubility	Completely Soluble	—

Application

1. Best Con A71 could be used to make self-leveling flooring materials and grout for the base of casting equipment.
2. It could be used for Pre – cast concrete Products.
3. It is suitable to make ready mixed concrete pumping concrete, flowing concrete, self compact concrete & high strength mortar
4. It could also be used to make refractory concrete, steam curing concrete, plain concrete, decorative concrete & pigmented concrete.
5. It could be applied as super dispersant for oil-well cement in casting and strengthening.
6. It is one of the major components of water proofing materials for improving impermeability of concrete or mortar. It also can be used as a component with structural self-waterproofing concrete.
7. Precast concrete.
8. Concrete with white cement

Dosage

The optimum Dosage of Best Con A71 to meet specific requirements should always be determined by trials using the materials and conditions that will be experienced in use.

Items	Specification	
	SS-P (Powder)	SS-L (40%)
Dosages Normally ranges	0.4 to 1.2 kgs/100 kg of cementitious materials	3.0 to 5.0 kgs/100 kg of cementitious materials