

PRODUCT INFORMATION

BEST CON – A7

Sulphonated Melamine Formaldehyde

Description

Best Con A7 is a soluble melamine formaldehyde resin based superplasticizer. It has no air-entraining. A chloride free admixture based on melamine 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 rheoplast 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 normal concrete with mixture.

Standards Compliance

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

Typical Properties

Items	Specification	
	SM-P (Powder)	SM-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 A7 could be used to make self-leveling flooring materials and grout for the base of casting equipment.
2. It could be used to make high strength gypsum and gypsum products.
3. It is suitable to make ready mixed concrete pumping concrete, flowing concrete, self compact concrete & high strength mortar. Pavement tiles, pre cast block.
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 A7 to meet specific requirements should always be determined by trials using the materials and conditions that will be experienced in use.

Items	Specification	
	SM-P (Powder)	SM-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