

PRODUCT INFORMATION

SP Glaze – 300

Sulphonated Melamine Formaldehyde

Description

SP Glaze-300 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 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/performance concrete, self-compact concrete and high cement ratio as a no-slump concrete with an admixture.

Standards Compliance

SP Glaze-300 complies with the requirements of the following standards: ASTM C 494, Type F.

Typical Properties

Items	Specification	
	SP Glaze-300	SM-L (40%)
Visual Appearance	White Liquid	Colourless Transparent or Pale yellow Liquid
Sodium Sulfate Content (%) ≤	3.0 ~ 4.0	—
Solid Content (%)	—	≥40 ± 1
Chloride Content (%)	0.3 ~ 0.4	
pH Value	7 ~ 9	
Moisture (%) <	4	—
Cement Paste Flow, (mm) ≥	220	
Solubility	Completey Soluble	

Application

1. SP Glaze-300 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, high strength and high performance concrete, self-compact concrete and high strength mortar.
4. It could also be used to make refractory concrete, steam curing concrete, plain concrete, decorative concrete and pigmented concrete.
5. It could be applied as super dispersant for oil-well cement in casting and strengthening.
6. It is one of major components of water proofing materials for improving impermeability of concrete or mortar. It also can be used as a component with admixtures like expanding admixtures to produce structural self-waterproofing concrete.
7. Precast concrete
8. Concrete with white cement

Dosage

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

Items	Specification	
	SP Glaze-300	SM-L (40%)
Dosage normally ranges	0.4 to 1.2 kgs/100 kgs cementitious material	3.0 to 5.0 kgs/100 kgs cementitious material

Puchong, Malaysia

www.bestcon.com

