

Acrylic Emulsion Polymerization Technology

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EC-3 JS Emulsion

■ Summary

EC-3 JS emulsion is mainly composed of the following materials: acrylic and its lipid monomer, methacrylic and its lipid monomer, cross-linked monomer, styrene combining self cross-linked monomer and special additives, functional monomer etc.

■ Physical and Chemical Indicators

Product	Project	Result
EC-3 JS Emulsion	Appearance	Milky white viscous liquid
	PH	8.5~9
	Viscosity	300~1800 CPS
	Solid content	(50±1) %
	Calcium ion stability	Excellent
	Minimum molding temperature	5℃
	Compatibility with cement	Excellent
	Elongation (waterproof coating)	300%
	Compatibility with cement	Excellent
	Shelf life	6 months (5℃~25℃ storage)

■ Performance and Application

EC-3 JS emulsion is used in the preparation of waterproof coating, has good calcium ion stability, and compatibility with cement and other fillers excellent. The film has good extensibility and resilience, good adhesion, good water resistance and excellent acid and alkali resistance. Waterproof coating is applied to toilet, bathroom, kitchen and roof waterproof, non-toxic environmental protection. It is a substitute for polyurethane waterproofing coating and SBS waterproofing membrane.