Xytu® LH914
VAE Emulsion for Waterproofing

Product Description

Xytu® LH914 emulsion is a low-formaldehyde, low-odor vinyl acetate-ethylene copolymer emulsion. It provides good dispersion of cement and fillers and has good waterproofing properties. It is mainly suitable for JS1-type and JS2-type waterproofing coatings and offers good mechanical properties.

Product Performance

When used in combination with cement, it can improve the flexural resistance of concrete.

LH914 has good compatibility with cement and fillers and has little effect on cement hydration.

It provides good tensile strength and elongation, as well as excellent bond strength, in waterproofing coatings.

Technical Data

Property	Method	Value
Appearance and properties	Visual inspection	Milky white liquid
Solids content	GB/T27573	54.5%~56.5%
Viscosity (4# 20 rpm 25 °C)	GB/T27573	2500~4500 mPa·s
pH	GB/T27573	4.0~6.5
Glass transition temperature	ISO 16805	Approx. 0 °C

Applications

LH914 is a polymer with good compatibility with cement. When used with cement mortar, it provides good workability and sag resistance.

It provides good bonding elasticity and strength in cement mortars such as JS waterproofing coatings.

LH914 can be blended with most anionic and nonionic waterborne polymer emulsions and is particularly suitable for waterproofing coatings, concrete interface agents and adhesives.

LH914 has good compatibility with common pigments and fillers and is easy to process.

LH914 has a minimum film formation temperature of 0 °C, so formulations require either no film-forming aid or only a small amount.

Storage / Packaging

LH914 should be stored at 5-37 °C. Shelf life is 6 months when stored unopened under appropriate conditions.

IBC tonne containers, 220 kg steel drums, 50 kg PE drums.