TECHNICAL INFORMATION

Waterproofing agent for aqueous systems

Composition: Calcium stearate dispersion
Appearance: liquid
Colour: white, turbid

Typical Properties:
- Active ingredients: approx. 50%
- Consistency: approx. 400 mPa·s
- Density at 20°C: approx. 1.01 g/cm³
- Solubility in water: easily miscible
- pH (undiluted): approx. 11

This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product. For specifications please consult the Certificate of Analysis.

Properties/applications: OMBRELUB 533 is a nonionic, very finely dispersed and stable dispersion of calcium stearate in water. It is easily miscible with water at all ratios. The calcium stearate is an excellent water-repellent agent. In waterborne printing inks and external wood coatings OMBRELUB 533 is applied to increase waterproofing properties. OMBRELUB 533 is also recommended for the manufacture of concrete building components.

Recommended levels/use: In printing inks and other coatings the optimum dosage has to be determined for every special application. Normal dosage in cement and concrete mixtures is 2% OMBRELUB 533 on cement. This results in a reasonable hydrophobic effect. The concrete surface can be coated afterwards without any problems.

Storage/handling: OMBRELUB 533 is sensitive to freezing and should be handled and stored between 15 and 25 °C. On storage the containers should be kept tightly closed to avoid evaporation of water. OMBRELUB 533 has to be mixed before use. The minimum shelf life in closed containers is 9 months from the date of manufacture.

Packaging: Totes holding 1000 kg net, drums holding 140 kg net or kegs holding 25 kg net.