SILCO® CT 1008

Characterization	Wetting and dispersing additive for aqueous coating systems
Chemical Structure	Compound of organomodified phosphoric acid esters in water and polyalkylene glycol
Appearance	Yellowish, clear liquid
pH-Value	7.0 + - 1
Concentration	80 % + - 1
Ionic Character	Anionic
Stabilities	The product is sensitive to frost to a certain extent. Changes occurring at low temperatures but disappear after warming up and stirring well.
Storage	The product is stable for at least 18 months at well-ventilated areas. Avoid temperatures below 4 °C and above 40 °C. Prevent from freezing. Stir before use.

The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

Properties

- Highly effective
- Broad compatibility with water based binder systems in alkaline medium
- Excellent storage stability of pigment concentrates
- Excellent colour strength development
- Good water resistance
- Free from mineral oils and APEO
- Biocide free

Application Technique

Application Fields

Due to its chemical structure SILCO® CT 1008 is particularly recommended as universal wetting and dispersing additive for inorganic and organic pigments.

Preferred fields of application:

- Industrial coatings
- Water based coating systems

Recommendation for Use

We recommend a dosage of 10 – 35 % calculated on the total pigment weight.
The optimal dosage has to be determined through preliminary tests. The dosage depends on the pigment's chemical nature, the shape and the particle surface.

The additive should be added to the mill base before predispersion.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Edition: January 2023
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