

Betolin[®] A 11

Viscosity stabilizer for silicate bonded coating systems

Chemical description

Betolin A 11 is a colourless, alkaline, low viscosity, water miscible liquid that contains silanols and complex stabilizers.

Mode of action

Betolin A 11 stabilizes the viscosity and leads to improved resistance to water.

The maximum proportion of Betolin A 11 that should be added to emulsion silicate paints and plasters is 1 %.

Specification (average values)

Solids content:	approx. 50,0 %	007 *)
Density (20°C):	approx. 1,33 g/cm ³	042 *)
pH value (conc.):	approx. 13,0	008 *)
Viscosity (20°C):	approx. 14 mPas	053 *)

*) Internal method code – description available on request

Properties

- Improves product stability by preventing premature coagulation.
- Lowers the viscosity.
- There is little or no livering of paints and plasters during storage.
- Increases the Betolin binders' stability to electrolytes.
- Facilitates the dispersion of pigments and fillers.
- Passivates reactive multivalent metal ions.
- Exerts a hydrophobic effect and thus improves the coatings' resistance to water.
- Lengthens the pot life and thus facilitates application.
- Reduces staining of coloured coatings.

Application

Betolin A 11 is an additive that is used together with our Betolin Q products and the various Betolin qualities in the production of emulsion silicate paints and plasters.

Note

Turbidities and coloured precipitations may occur by reaction with CO₂ from the air. Therefore store Betolin A 11 in tightly closed containers.

Storage

Betolin A 11 must be protected from frost during storage. Its shelf life in tightly closed containers is at least twelve months.

Labelling / Safety

Please see safety data sheet.

Packaging

can
drum
container

10/2015