

## Betolin<sup>®</sup> 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/cm³042 *)pH value (conc.):approx. 13,0008 *)Viscosity (20°C):approx. 14 mPas053 *)
	*) Internal method code – description available on request
Properties	<ul> <li>Improves product stability by preventing premature coagulation.</li> <li>Lowers the viscosity.</li> <li>There is little or no livering of paints and plasters during storage.</li> <li>Increases the Betolin binders' stability to electrolytes.</li> <li>Facilitates the dispersion of pigments and fillers.</li> <li>Passivates reactive multivalent metal ions.</li> <li>Exerts a hydrophobic effect and thus improves the coatings' resistance to water.</li> <li>Lengthens the pot life and thus facilitates application.</li> <li>Reduces staining of coloured coatings.</li> </ul>
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 $CO_2$ 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.

Any technical application recommendations, verbal or in writing, provided by us in good faith to our customers/users for their assistance and on the basis of our experience and present state of knowledge are absolutely noncommittal. This also applies to any existing industrial property rights or foreign statutory provisions. Any recommendation of ours can therefore not be regarded as a legal relationship or contractual commitment, nor does it establish any sales contract deed of convenant. It is the buyer's responsibility to examine the suitability of our products for their intended application.





