



BetolinTM A 11

NATURE

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

EFFECT

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 silicate textured finishes is 1 %. A combination of Betolin Quart 25 and Betolin A 11 enhances the beneficial properties of Betolin P 35 E.

PRODUCT SPECIFICATION (average values)

Solids content	ca. 50 %
Density (20° C)	ca. 1,33 g/cm ³
pH (20°C, 10% solution)	ca. 13
Viscosity at 20°C	ca. 14 mPas
Cristallization temperature	< - 5°C

PROPERTIES

- Improves product stability by preventing premature coagulation of the silicate binder.
- Lowers the viscosity.
- There is little or no livering of paints and textured finished during storage.
- Increases the Betolin binder's resistance to electrolytes.
- Facilitates the dispersion of pigments and fillers.
- Passivates reactivities multivalent metal ions.
- Exerts a hydrophobic effect and thus improves the coatings' resistance to water.
- Lengthens the wet edge time and thus facilitates application.
- Reduces staining of coloured coatings.

FIELDS OF APPLICATION

Betolin A 11 is an additive that is used together with our Betolin Quart products and the various Betolin qualities in the production of emulsion-silicate paints and silicate textured finishes.

**Viscosity stabilizer for
silicate bonded coating
systems**

INDUSTRIAL HYGIENE

According to the information at our disposal, Betolin A 11 does not exert any harmful effects on health, provided that it is used for the purpose for which it is intended and that the usual safety and industrial hygiene precautions relating to handling chemicals are observed together with the information given in our Safety Data Sheet.

STORAGE

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

RISK AND SAFETY PHRASES

Labelling according to the UE Guideline "Packaging and labeling of Dangerous goods"

C Caustic

We recommend further that the following R and S phrases be observed.

R 35, 22

S 26 – 45 – 36/37/39 - 61

DELIVERY

30-kg canisters

260 kg drums

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 covenant. It is the buyer's responsibility to examine the suitability of our products for their intended application.