

## Betolin<sup>®</sup> V 30

Thickener and stabilizer for aqueous coating systems

Chemical description	Betolin V 30 is an anionic readily biodegradable, swelling-retarded thickener based on polysaccharides.
Mode of action	Betolin V 30 satisfies the requirements imposed on a highly efficient thickener and stabilizer. It renders coating compositions pseudoplastic and counteracts sedimentation, serum formation, and reagglomeration of pigments and fillers. Betolin V 30 is stable towards acids, alkalis, and heat. Its solutions can be prepared with cold or hot water. Combinations with other thickeners give rise to a higher level of viscosity. The amount to be used lies between 0,05 % and 0,3 % depending on requirements and the application.
Specification (average values)	Content of active substance:approx. 85,0 %007 *)Bulk density: pH valueapprox. 750,0 g/l042 *)008 *)008 *)008 *)(1 % in water): Appearance:yellowish powder
	*) Internal method code – description available on request
Properties	<ul> <li>Thickener with structural viscosity,</li> <li>Stable towards acids, alkalis, and electrolytes,</li> <li>Readily biodegradable,</li> <li>Non-toxic and ecologically neutral,</li> <li>Stable to high and low temperatures,</li> <li>Inhibits separation and the formation of deposits,</li> <li>Dispersant effect,</li> <li>Improves the processing properties,</li> <li>Can be combined with other anionic and non-ionic thickeners,</li> <li>Reacts with trivalent metal ions.</li> </ul>
Application	Betolin V 30 is used as a thickener and antisettling agent in aqueous systems. It offers benefits in paints, textured finishes, and adhesives.
Note	Aqueous solutions of Betolin V 30 are destroyed by microorganisms. Thus a preservative is recommended. Our Warocid 4261 is suitable for this purpose.
Storage	Betolin V 30 must be kept dry and stored in the original container. It has a shelf life of 12 months in the original container.

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.

Labelling / Safety	Not subject to classification according to EC Guidelines and German Ordinance on Hazardous Materials (GefStoffV).
Packaging	25 kg paper bag
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