

OPTIBENT-1008

High-quality, powdered rheology additive based on an organically modified phyllosilicate for aqueous, hydraulically hardening pre-mix mortars to increase the anti-sagging properties of systems that are applied thinly.

Product Data

Composition

Modified phyllosilicate

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

pH value (2 %): approx. 9-11
Bulk density: 600-750 kg/m³
Moisture content: max. 14 %
Supplied as: free-flowing, beige powder

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Storage and Transportation

The product is slightly hygroscopic and should be transported and stored dry in the unopened original container at temperatures between 0 °C and 30 °C.

Applications

Construction industry

Special Features and Benefits

OPTIBENT-1008 significantly reduces the adhesiveness of mineral binder systems, particularly in polymer-modified systems. By forming a good flow limit, the anti-sagging properties are increased and, at the same time, the processing properties under shear stress are improved. In comparison with standard organic rheology additives, there has less of an impact on the setting process.

Recommended Use

OPTIBENT-1008 is suitable for aqueous mineral binder systems, preferably for systems that are applied in thin layers.

ETICS/adhesives and reinforcement mortars	<input checked="" type="checkbox"/>
Cementitious base coats	<input type="checkbox"/>

☒ especially recommended ☐ recommended

Recommended Levels

0.1-0.3 % additive (as supplied) based upon the total formulation, depending on the properties of the formulation to be achieved.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

OPTIBENT-1008 is hydrophilic and can be added as supplied to the dry mix mortar formulation.



Additive Guide



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