

OPTIBENT-6027

Powdered rheology additive based on an untreated, natural phyllosilicate for aqueous, mineral-based construction systems to optimize the processing properties and the anti-sagging properties.

Product Data

Composition

Untreated phyllosilicate

Typical Properties

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

pH value (5 %): approx. 9-11
Bulk density: 550-650 kg/m³
Moisture content: max. 12 %
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-6027 generates thixotropic flow behavior and is particularly well suited to cost-effective, cementitious tile adhesives according to the C1 standard, and other dry mortar applications.

Recommended Use

OPTIBENT-6027 is suitable for a variety of aqueous construction systems.

Tile adhesives, preferably C1	<input checked="" type="checkbox"/>
Cost-effective pre-mix mortars	<input checked="" type="checkbox"/>
Aqueous bitumen emulsions	<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-6027 is hydrophilic and can be added as supplied to the dry mix mortar formulation. It is also possible to incorporate the additive in water at high shear forces to make a paste.



Additive Guide



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