

# 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%): ca. 9-11  
Bulk density: 550-650 kg/m<sup>3</sup>  
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](http://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 (32 °F) and 30 °C (86 °F).

## 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



**BYK USA Inc.**  
524 South Cherry Street  
P.O. Box 5670  
Wallingford, CT 06492  
USA  
Tel 203 265-2086  
Fax 203 284-9158

**cs.usa@byk.com**  
**www.byk.com**

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