

# OPTIBENT-602

Powdered rheology additive based on a modified phyllosilicate for aqueous, hydraulically hardening construction systems to increase the anti-sagging properties with good processing properties and improved open time.

## 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 %): ca. 9-11  
Bulk density: 700-900 kg/m<sup>3</sup>  
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](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

By developing a high flow limit, OPTIBENT-602 improves the anti-sagging properties of thick-layered plastering systems and reduces the slip behavior of (cementitious) tile adhesives. At the same time, in many systems OPTIBENT-602 makes it possible to reduce other organic thickening systems, thereby contributing to consistent or optimized anti-sagging properties so as to improve the open time, without affecting the setting process.

#### Recommended Use

OPTIBENT-602 is particularly suited to mineral-based construction systems in which it achieves good anti-sagging properties at the same time as reducing adhesiveness.

Mineral plasters	■
Tile adhesive	■
Repair mortars	■

■ especially recommended    □ recommended

### Recommended Levels

0.1-0.5 % 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-602 is hydrophilic and can be added as supplied to the dry mix mortar formulation.

### Special Note

We recommend testing compatibility with specific high-aluminum binders, particularly after the dry mix mortar blend has been stored for a long time.



Additive Guide



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