

# OPTIBENT-1056

Powdered rheology additive based on a modified and activated phyllosilicate for aqueous, hydraulically hardening construction systems to improve the processing properties and the anti-sagging properties of thin layer mortars and plasters.

## 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: 650-850 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

As a thixotrope, OPTIBENT-1056 improves the anti-sagging properties and application properties of thin layer mortars, simultaneously reducing the need for conventional thickening systems.

#### Recommended Use

OPTIBENT-1056 is particularly suitable for mineral-based thin layer mortars.

Mineral plasters	<input type="checkbox"/>
Thin layer mortars	<input checked="" type="checkbox"/>
Repair mortars	<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-1056 is hydrophilic and can be added as supplied to the dry mix mortar formulation.

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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