

# OPTIBENT-616

Rheology additive based on a modified phyllosilicate for hydraulically hardening construction systems to improve pumpability and the amount of entrained air in the system.

## Product Data

### Composition

Modified phyllosilicate

### Typical Properties

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

Bulk density: 700-900 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-616 stabilizes the amount of entrained air of pre-mix mortars and improves the pumpability, particularly of systems that contain lightweight aggregates.

#### Recommended Use

OPTIBENT-616 is particularly suitable for mineral-based pre-mix mortars.

Lightweight renders	<input checked="" type="checkbox"/>
Lightweight masonry mortars	<input checked="" type="checkbox"/>
Thin-layered plasters	<input type="checkbox"/>

☒ especially recommended    ☐ recommended

### Recommended Levels

0.1-0.4 % 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-616 is hydrophilic and can be added as supplied to the dry mix mortar formulation.



Additive Guide



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