

OPTIBENT-987

Powdered rheology additive based on an activated phyllosilicate for aqueous, mineral-based dry mix mortars and paste-like binder systems.

Product data

Composition

Activated phyllosilicate

Typical properties

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

Bulk density: 500-700 kg/m³
 Water content: max. 13 %
 Delivery form: powder

Storage and transportation

Product shelf life in unopened original packaging: 24 months

Applications

Construction chemicals

Special features and benefits

OPTIBENT-987 produces a thixotropic flow behavior. It improves the anti-sagging properties in pre-mix mortars and their ease of processing without impairing the cement hydration. In aqueous paste-like binder systems, OPTIBENT-987 increases the storage stability and reduces the settling tendency during application which enables thick layers. The additive also displays consistent rheological properties even at different temperature conditions.

Recommended use

OPTIBENT-987 is suitable for a variety of aqueous construction systems in the pH neutral to alkaline range.

Jointing compounds and putties	☒
Self-leveling compounds (SLU/SLO)	☒
Dispersion-based systems	☒
Self-leveling screeds	☒
Mineral topcoat plasters	☐

☒ Especially recommended ☐ Recommended

Recommended levels

0.1-2.0 % additive (as supplied) based on the total formulation, depending on the properties of the formulation to be achieved.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

OPTIBENT-987 is hydrophilic and can be added as supplied to the dry mix mortar formulation. It can also be incorporated as a dispersion with 5-7% solids content, which is especially recommended for paste-like systems. OPTIBENT-987 should be added to water slowly whilst stirring and pre-dispersed at high shear forces for at least 20 minutes. All other system components can then be added.



Your local
contact

BYK-Chemie GmbH

Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
info@byk.com
www.byk.com



Download
our app:
byk.com/app

ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK-AQUAGEL®, BYK®-DYNWET®, BYK-MAX®, BYK®-SILCLEAN®, BYKANOL®, BYKCARE®, BYKETOL®, BYKJET®, BYKONITE®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFK®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, NANOBYPK®, OPTIBENT®, OPTIGEL®, PURABYK®, RECYCLOBYK®, RHEOBYK®, SCONA®, SILBYK®, TIXOGEL® and VISCOBYK® are registered trademarks of the BYK group.

The information contained herein is based on our current knowledge and experience. No warranties, guarantees and/or assurances of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. Any information about suitability, use or application of the products is non-binding and does not constitute a commitment regarding the products' properties, use or application. Contractual terms and conditions, in particular agreed product specifications, always take precedence. We recommend that you test our products in preliminary trials to determine their suitability for your intended purpose prior to use. We reserve the right to make any changes and to update the information herein without notice.