

# BYK-1691 SD

VOC- and silicone-free, solid, polymer-based defoamer for minerally bound construction material systems with improved leveling properties.

## Product Data

### Composition

Polymer-based defoamer formulation on an inorganic carrier

VOC-free

### Typical Properties

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

Bulk density: 450-650 kg/m<sup>3</sup>

Carrier: Inorganic

Supplied as: Powder, free-flowing

### 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

To be stored and transported between 0 °C and 50 °C.

## Applications

### Construction chemicals

#### Special Features and Benefits

BYK-1691 SD is a solid, highly efficient VOC- and silicone-free polymer defoamer for minerally bound construction material systems. The additive is highly compatible in various mineral binder systems. Even at low dosages, the product shows a consistent, good defoaming effect over a long period of time with optimum leveling and surface characteristics of the end product.

#### Recommended Use

|                       |                                     |
|-----------------------|-------------------------------------|
| Tile adhesive         | <input type="checkbox"/>            |
| Joint filler          | <input checked="" type="checkbox"/> |
| Leveling compounds    | <input checked="" type="checkbox"/> |
| Screeds               | <input checked="" type="checkbox"/> |
| Plaster-bound systems | <input type="checkbox"/>            |
| Mineral renders       | <input type="checkbox"/>            |

☒ Particularly recommended    ☐ recommended

### Recommended Levels

0.05 %-0.5 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

### Incorporation and Processing Instructions

The additive is added to all the other powder components of the dry mortar formulation. It disperses very easily in water.



Additive Guide



**BYK-Chemie GmbH**  
P.O. Box 10 02 45  
46462 Wesel  
Germany  
Tel +49 281 670-0  
Fax +49 281 65735

[info@byk.com](mailto:info@byk.com)  
[www.byk.com](http://www.byk.com)

ANTI-TERRA®, BYK®, BYK®-DYNWET®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, DISPERBYK®, DISPERPLAST®, LACTIMON®, NANOBYK®, PAPERBYK®, SILBYK®, VISCOBYK®, and Greenability® are registered trademarks of BYK-Chemie. ACTAL®, ADJUST®, ADVITROL®, ASTRABEN®, BENTOLITE®, CLAYTONE®, CLOISITE®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, LAPONITE®, MINERAL COLLOID®, OPTIBENT®, OPTIFLO®, OPTIGEL®, PURE THIX®, RHEOCIN®, RHEOTIX®, RIC-SYN®, TIXOGEL®, and VISCOSEAL® are registered trademarks of BYK Additives. AQUACER®, AQUAMAT®, AQUATIX®, CERACOL®, CERAFAK®, CERAFLOUR®, CERAMAT®, CERATIX®, HORDAMER®, and MINERPOL® are registered trademarks of BYK-Cera. SCONA® is a registered trademark of BYK Kometra.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties 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. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions – Printed in Germany