

BYK-1693 SD

VOC-, mineral oil-, and silicone-free powder defoamer for aqueous mineral- and dispersion-bound building material formulations, especially for hybrid systems. Very good compatibility with various binder systems.

Product data

Composition

Blend of polyethers and vegetable oils, adsorbed on an inorganic carrier

From bio-based materials
 VOC-free (< 1500 ppm)
 PFAS-free

Typical properties

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

Bulk density:	250-450 kg/m ³
Carrier:	inorganic
Color:	white
Delivery form:	powder
Bio-based organic carbon content:	54 %

Storage and transportation

To be stored and transported at a temperature below 50 °C (122 °F).

Applications

Construction chemicals

Special features and benefits

BYK-1693 SD is a very effective and compatible powder defoamer for hybrid systems that are based on mineral-bound dry-mix mortars in combination with an aqueous or powder dispersion. The additive's special combination of active ingredients leads to a strong and long-lasting defoaming performance over the entire application window. By reducing the air void content, it improves the properties of fresh mortar as well as the physical properties of the hardened system. BYK-1693 SD is particularly suitable for 2-pack waterproofing membranes.

Recommended use

Waterproofing membranes (polymer cement mortar (PCM))	<input checked="" type="checkbox"/>
Concrete repair mortar (polymer cement concrete (PCC))	<input checked="" type="checkbox"/>
Jointing compounds and putties	<input type="checkbox"/>
Tile adhesives	<input type="checkbox"/>
Skim coats	<input type="checkbox"/>
Leveling compounds (SLU/SLO)	<input type="checkbox"/>
Screeds	<input type="checkbox"/>

especially 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. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

BYK-1693 SD can be added as supplied directly to the powder components.



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