

BYK-1770

Silicone-containing defoamer for aqueous architectural coatings. Particularly suitable for thick layer systems with airless/airmix application. Solvent-free.

Product Data

Composition

Polyether-modified polydimethylsiloxane

Solvent free

Typical Properties

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

Density (68 °F): 8.39 lbs/US gal

Refractive index (68 °F): 1.4395

Active substance: 100 %

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Applications

Coatings and Printing Inks

Special Features and Benefits

BYK-1770 is particularly effective in acrylate-based and polyurethane/acrylate aqueous thick layer systems with airless/airmix application. It prevents the formation of microfoam and is suitable for pigmented systems and clear coatings. It has no negative influence on transparency and gloss in high-gloss systems. BYK-1770 is solvent free.

Recommended Use

| | |
|----------------------------------------------------------|-------------------------------------|
| Architectural coatings and thick layer systems (joinery) | <input checked="" type="checkbox"/> |
| Industrial coatings | <input type="checkbox"/> |
| Wood and furniture coatings | <input type="checkbox"/> |

☒ especially recommended ☐ recommended

Recommended Levels

0.3-1 % 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

In pigmented systems, the additive is preferably added to the millbase. When used in clear coatings or in the let-down, ensure sufficiently high shear forces so as to guarantee a good incorporation without craters.

Special Note

To improve the leveling and surface properties, we recommend combination of BYK-348 with AQUACER 539 for optimum substrate wetting and outstanding anti-blocking properties.



Additive Guide



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