

BYKETOL-WA

Silicone-free surface additive for aqueous coatings to prevent surface defects such as boiling marks, pinholes, bubbles, orange peel, and craters, and to improve leveling.

Product data

Composition

Combination of high boiling solvents and foam-destroying substances

APEO-free

Typical properties

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

Density (20 °C):	0.76 g/ml
Active substance:	100 %
Non-volatile matter (10 min, 150 °C):	4 %
Solvents:	8 % Butylglycol
Flash point:	67 °C
Appearance:	klar bis leicht trüb

Storage and transportation

Separation or turbidity may occur at temperatures below 5 °C. Warm to >20 °C and mix well.

Applications

Coatings industry

Special features and benefits

The additive is a leveling additive with defoaming properties. It prevents the formation of bubbles and boiling marks in aqueous baking coatings. Surface defects, such as cratering and pinholes, are avoided. The effectiveness of BYKETOL-WA can be additionally improved by combining it with polymer defoamers.

Recommended levels

0.3–3 % 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 should be incorporated into the millbase. Post-addition in the finished coating is also possible if sufficient shear forces are used.



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This issue replaces all previous versions.