

BYK-W 985

Wetting and dispersing additive for ambient-curing resin systems and adhesives to reduce the viscosity in mineral-filled systems.

Product Data

Composition

Solution of an acidic polyester

Typical Properties

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

Density (68 °F):	7.84 lbs/US gal
Refractive index (68 °F):	1.455
Non-volatile matter (10 min., 302 °F):	10 %
Flash point:	113 °F

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

Ambient Curing Resin Systems

Special Features and Benefits

BYK-W 985 increases the wetting and dispersing speed of all standard fillers such as calcium carbonate and aluminum hydroxide in unsaturated polyester resins, PU- and epoxy resins. It reduces the viscosity considerably which enables higher filler content. Generally, BYK-W 985 does not prevent the settling of fillers. A gelling can occur in cobalt-accelerated UP resins. This can be offset by increasing the quantity of cobalt.

Recommended Levels

0.5-1.5 % additive (as supplied) based upon the filler.

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

Incorporation and Processing Instructions

For optimum performance, the additive should be added before the solids.

Adhesives & Sealants

Special Features and Benefits

BYK-W 985 is a monofunctional, deflocculating wetting and dispersing additive and is particularly recommended for all filled epoxy systems. It increases the wetting and dispersing speed of all standard fillers such as calcium carbonate and aluminum hydroxide. It reduces the viscosity considerably which enables higher filler content. Generally, BYK-W 985 does not prevent the settling of fillers. The additive is also suitable for use in PU systems.

Recommended Levels

0.5-1 % additive (as supplied) based on the filler.

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

Incorporation and Processing Instructions

For optimum performance, the additive should be added before the solids.



Additive Guide



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