Viscosity Control Technology (VCT) is based on a combination of two processing additives (Thixbreaker and Thixbooster). These specifically matching additives enable the control of the initial viscosity of the system. The application viscosity remains unaffected.

BYK-P 2720

Rheology additive for solvent-free and solvent-borne amine hardeners to enhance the rheological properties of two-component systems in combination with hydrophilic fumed silica (Thixbooster).

Product Data

Composition
Highly branched polymer amine

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

Density (20 °C): 1.03 g/ml
Refractive index (20 °C): 1.53

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.

Storage and Transportation
Store up to 40 °C.

Special Note
It is recommended to combine BYK-P 2720 with a Thixbreaker from the Viscosity Control Technology product line, e.g. BYK-P 2710 for hydrophilic fumed silica-containing epoxy resins.

Applications

Thermosets

Special Features and Benefits
BYK-P 2720 is a member of the Viscosity Control Technology product line and a rheological additive for thixotropic enhancement of solid thixotropes e.g. hydrophilic fumed silicas. The additive is used in the amine hardener. Adding the hardener to the resin component reinforces the network formed by the solid thixotrope. Particularly when combined with other additives from the Viscosity Control Technology product line, direct control of the initial viscosity of the components and the application viscosity of the entire system can be achieved.

Only the combination of the matching additives will ensure spontaneous viscosity build-up after mixing and enable high anti-sagging properties. This enables the system to be applied above the head or on vertical surfaces without sagging. Additional information on BYK-P 2710 is provided in the technical data sheet BYK-P 2710.

Recommended Use
Recommended in amine hardeners for:

Composite mortar systems	■
Close contour pastes	■
Gel coats	■
Filler	■
Additional applications	□

■ especially recommended □ recommended

Recommended Levels
5-50 % additive (as supplied), always based on the dosage of the hydrophilic fumed silica of the entire system, i.e. in the resin and hardener.

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

Incorporation and Processing Instructions
BYK-P 2720 can be added to the amine hardener at any time during stirring.

Special Note
BYK-P 2710 and BYK-P 2720 are effective only in combination with hydrophilic types of fumed silica. The amount of additive depends on the type and quantity of fumed silica used.

Coatings

Special Features and Benefits
BYK-P 2720 is a member of the Viscosity Control Technology product family and a rheological additive for controlled thixotropic enhancement of solid thixotropes e.g. hydrophilic fumed silicas. The directly controlled interaction with other additives from the Viscosity Control Technology product line enables thick layers on vertical surfaces (stability).

The additive is used in the amine hardener. After adding the hardener to the resin component and subsequent mixing, the required viscosity level of the coating system is achieved instantly.

Additional information on BYK-P 2710 is provided in the technical data sheet BYK-P 2710.

Recommended Use
Recommended in amine hardeners for:

Gel coats	■
Protective coatings	■
Flooring applications	■
Mortar	□

■ especially recommended □ recommended

Recommended Levels
5-50 % additive (as supplied), always based on the dosage of hydrophilic fumed silica used the entire resin system.

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

Incorporation and Processing Instructions
BYK-P 2720 can be added to the amine hardener at any time during stirring.

Special Note
BYK-R 2720 is effective only in combination with hydrophilic types of fumed silica. The amount of additive depends on the type and quantity of fumed silica used.

Adhesives & Sealants

Special Features and Benefits
BYK-P 2720 is a member of the Viscosity Control Technology product line and a rheological additive for thixotropic enhancement of solid thixotropes e.g. hydrophilic fumed silicas. The additive is used in the amine hardener. Adding the hardener to the resin component reinforces the network formed by the solid thixotrope. Particularly when combined with other additives from the Viscosity Control Technology product line, direct control of the initial viscosity of the components and the application viscosity of the entire system can be achieved.

Only a combination of the matching additives will ensure a spontaneous viscosity build-up after mixing and enable a stable application in very thick layers and with very good anti-settling behavior. This enables the system to be applied above the head or on vertical surfaces without sagging. Additional information on BYK-P 2710 is provided in the technical data sheet BYK-P 2710.

Recommended Use
Recommended for epoxy resin-based adhesives and sealants that contain hydrophilic fumed silica using amine hardener systems.

Recommended Levels

5-50 % additive (as supplied), always based on the dosage of hydrophilic fumed silica used of the entire resin system.

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

Incorporation and Processing Instructions

BYK-P 2720 can be added to the amine hardener at any time during stirring.

Special Note

BYK-R 2720 is effective only in combination with hydrophilic types of fumed silica. The amount of additive depends on the type and quantity of fumed silica used.

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