

Autoseal[®] 3462B Cross-linker

Description

LORD Autoseal[®] 3462B cross-linker is used with Autoseal aqueous coatings to enhance performance of the cured system.

Features and Benefits

Environmentally Friendly – provides low VOC for reduced emissions and improved environmental compliance.

Easy to Use – prepackaged kits include cross-linker and resin in the proper ratio.

Durable – enhances weathering resistance of cured Autoseal coatings.

Application

Surface Preparation – Refer to the appropriate Autoseal coating data sheet for specific surface preparation instructions.

Mixing – Dilute Autoseal 3462B cross-linker with deionized water at a ratio of 50:50, and thoroughly stir.

Prepare the Autoseal resin by following the mixing instructions outlined on the Autoseal coating data sheet. While mixing the resin, add Autoseal 3462B cross-linker at a ratio of 100:5 resin to cross-linker, by weight. This ratio may vary ± 2 parts, depending on customer requirements.

Applying – Refer to the appropriate Autoseal coating data sheet for specific application instructions.

Curing – Refer to the appropriate Autoseal coating data sheet for specific curing instructions. Typical cure conditions for Autoseal coatings mixed with Autoseal 3462B cross-linker range from 1-8 minutes cure time and 177-288°C (350-550°F) cure temperature. Exact curing conditions will vary depending on the extrusion line and application conditions. The profile surface temperature when exiting the cure oven should be between 171-182°C (340-360°F).

Cleanup – Use warm water, ketone or aromatic solvents to clean up equipment.

Typical Properties*

Appearance	Honey-colored Liquid
Density	
kg/m ³	1018.5-1066.4
(lb/gal)	(8.5-8.9)
Solids Content by Weight, %	48-52

*Data is typical and not to be used for specification purposes.

LORD TECHNICAL DATA

Shelf Life/Storage

Shelf life is six months from date of shipment when stored in a well ventilated area at 21-27°C (70-80°F) in original, unopened container. Prolonged exposure to sub-freezing temperatures can cause this product to develop a hazy appearance. If this occurs, heat the material to 43°C (110°F) before using.

After opening, protect material from excessive exposure to moisture by using dry nitrogen as an inert cover.

Cautionary Information

Before using this or any LORD product, refer to the Material Safety Data Sheet (MSDS) and label for safe use and handling instructions.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

Values stated in this technical data sheet represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Support Center.

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