

XF42-FL501 Water Repellent Agent

Product Description

XF42-FL501 water repellent agent is a low viscosity, alkyl-modified silicone oil that imparts water repellency to Autoclaved Aerated Concrete (AAC). It can also increase the carbonation-resistant property.

Key Features and Typical Benefits

- Provides excellent water repellency for Autoclaved Aerated Concrete (AAC)
- Prolongs the lifetime of AAC panel by reducing moisture adsorption
- Improves the carbonation resistance property
- Increases freeze-thaw resistance of AAC board
- Typically used as supplied
- Good dispersibility in AAC slurry

Typical Physical Properties

Appearance	Pale yellow liquid
Active Ingredient Content, %	100
Viscosity at 25 °C, cSt	30
Specific Gravity at 25 °C	0.92
Refractive Index at 25 °C	1.422

Typical properties are average data and are not to be used as, or to develop, specifications.

Potential Applications

Potential applications include:

- Water repellent agent for Autoclaved Aerated Concrete (AAC)
- Levelling agent for coating

General Considerations for Use

XF42-FL501 water repellent agent can be used as supplied and should be added to the AAC slurry. Typical dosage levels are 0.1 – 3%. The required dosage may vary depending on the desired effect needed. Actual dosage levels need to be determined by the end-users in suitable lab tests.

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement, or recommendation to practice any invention covered by any patent without authority from the owner of the patent.

Product Safety, Handling, and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment, if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in MyMomentive™ Order Management Site. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Customer Service Centers

For additional information, please contact our Customer Service Team

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