

AFCONA-3277



Chemical Composition

Fluorocarbon modified polyacrylate.

Product general description

Anti-crater, substrate wetting and leveling agent for solvent-based coatings.

Product Properties

AFCONA-3277 is the 100% active version of AFCONA-3777. Thus, it offers similar performance to AFCONA-3777 at the same solids content.

AFCONA-3277 is a fluorocarbon-modified polyacrylate. It can serve as a non-silicone leveling agent in applications where silicones may cause problems. However, we highly recommend combining it with a suitable polysiloxane to achieve better overall performance, if silicones are permitted.

For applications that require solving problems caused by high surface tension or significantly reducing surface tension, AFCONA-3700 is a better choice. AFCONA-3700 is also nearly 100% active and due to the higher fluorocarbon content, is more effective at a lower dosage. It offers better compatibility than AFCONA-3277. However, the foam stabilizing effect is slightly higher.

AFCONA-3277 offers the following advantages:

- 1) Improves leveling.
- 2) Prevents cratering.
- 3) Helps substrate wetting.
- 4) Acts as a defoamer and de-aeration aid.
- 5) Does not interfere with intercoat adhesion.

AFCONA-3277 is recommended for all solvent-based and high-solid systems. Since it contains no solvent, it is very suitable for use in high-solids and solvent-free systems like UV, epoxy, polyurethane, PMMA flooring systems.

Product Specification

Non-volatile matter	≥97% (150°C,0.5h)
Refractive index	1.460 - 1.470 (25°C)
Gardner color	Max.3
Flash point	>100°C
Appearance	Transparent to slightly yellowish viscous liquid (25°C)

Addition and dosage

0.1-1.0% on total formulation. Under normal conditions, the dosage is 0.2-0.8% based on total formulation.

Incorporation

AFCONA-3277 should be incorporated at the end of the batch preparation.

Storage

AFCONA-3277 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 5 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

25kg and 200 kg non-returnable containers

For product safety information: please take reference of SDS.

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.