

AFCONA-3500



Chemical Composition

Aqueous solution of fluorocarbon-modified polyacrylate.

Product general description

Leveling and anti-crater agent for water-based coatings.

Product Properties

AFCONA-3500 is a fluorocarbon-modified polyacrylate, neutralized with a suitable amine and dissolved in water. It is suitable for all water-based paints.

The use of AFCONA-3500 offers the following advantages:

- 1) Excellent anti-cratering performance.
- 2) Improved substrate wetting.
- 3) Enhanced leveling.
- 4) No inter-coat adhesion problems.
- 5) Low foam-stabilizing effect.

In terms of anti-cratering and substrate wetting, AFCONA-3500 exhibits exceptional performance. In most cases, AFCONA-3500 is used to resolve long-wave flow and leveling issues in water-based coatings.

Product Specification

Non-volatile matter	29 - 32%(150°C,0.5h)
Solvent	Water
Density	1.05 - 1.08 g/cm ³ (20°C)
Refractive index	1.370 - 1.390(25°C)
Gardner color	Max.3
Flash point	> 100°C
Appearance	Clear to slight hazy, yellow liquid (25°C)

Addition and dosage

0.5-1.5% on total formulation.

Incorporation

AFCONA-3500 should be incorporated at the end of the batch preparation. Shear force must be applied to ensure homogeneous mixing.

Storage

AFCONA-3500 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 3 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

25kg and 190 kg non-returnable containers

For product safety information: please refer to the product SDS.

AFCONA ADDITIVES

Web Site : www.afcona.com

This information and all further technical advice are based on our present knowledge and experience. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used. We reserve the right to make any changes according to science and technological progress or further developments.

This version replaces all previous ones.