

AFCONA - 3725



Chemical Composition

Polymeric Fluorocarbon compound.

Product general description

Wetting, levelling and flow control agent for solvent-free and solvent-based coatings.

Product Properties:

AFCONA – 3725 is a highly fluorocarbon modified polyacrylic polymer. It has very low surface tension and therefore, it can substitute and perform as silicones without the negative effects of silicones.

AFCONA - 3725 reduces drastically surface tension of organic coating systems. This, together with good compatibility with most solvent-based systems and minimal foam stabilizing effect, makes it very effective as an anti-crater and flow control agent for all solvent-based coatings.

Due to the low surface tension, it gives very good substrate wetting. Normally recommended to combine with a silicone based leveling agent to gives optimum performance on leveling, anti-crater as well as flow control.

AFCONA – 3725 is widely used especially in refinish topcoats as a good prevention for crater formation caused by different environment on application sites. Beside this, it improves the vertical leveling in this application strongly.

AFCONA-3725 is especially suitable for:

- 1) Stoving enamels based on alkyd, acrylic and polyester resins.
- 2) Polyurethane coatings.
- 3) Two-pack epoxy compounds.
- 4) Air drying alkyd systems.
- 5) UV coatings.

Product Specification

Non-volatile matter	≥96% (120°C,0.5h)
Density	1,06 – 1,10 g/cm ³ (20°C)
The refractive index	1,450 – 1,460 (25°C)
Gardner color	Max.3
Appearance	Transparent to slight yellowish liquid (25°C)

Addition and dosage

0.10 – 1.00% on total formulation. In general, under normal conditions, the dosage is 0.10 – 0.50% based on total formulation.

Incorporation

AFCONA-3725 should be added at the end of the batch preparation.

Storage

AFCONA-3725 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

30kg and 200kg non-returnable containers

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.