

AFCONA - 3700



Chemical Composition

Polymeric Fluorocarbon compound.

Product general description

Wetting, levelling and flow control agent for solvent-free and solvent-based coatings with excellent anti-crater properties.

Product Properties:

AFCONA – 3700 is a highly fluorocarbon modified polyacrylic polymer. It has very low surface tension and therefore, it can substitute and perform as silicones without the side effects of silicones.

AFCONA - 3700 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 levelling agent to gives optimum performance on leveling, anti-crater as well as flow control.

AFCONA – 3700 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-3700 is an excellent anti-crater and substrate wetting agent. AFCONA-3700 is especially suitable for:

- 1) Stoving enamels based on alkyd, acrylic and polyester resin s.
- 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	1,11 – 1,13 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

0.05 – 1.00% on total formulation. In general, under normal conditions, the dosage is 0.05 – 0.25% based on total formulation.

Incorporation

AFCONA-3700 should be added at the end of the batch preparation.

Storage

AFCONA-3700 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 220 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.