

AFCONA – 3750



Chemical Composition

Polymeric fluorocarbon compound

Product general description

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

Product Properties

AFCONA – 3750 is 52% solid version of AFCONA – 3700 for better handling in winter because the viscosity of AFCONA – 3700 very high, almost not pourable in winter. AFCONA – 3750 is a highly fluorocarbon modified acrylic polymer. It has very low surface tension and therefore, it can substitute and perform as silicones without the side effects of silicones.

AFCONA - 3750 reduces drastically surface tension of organic coating systems. This, together with good compatibility in most solvent-based systems and with minimal foam stabilizing effect, makes it very effective as an anti-crater and flow control agent for all solvent based coating.

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

AFCONA – 3750 is widely used, especially in refinish topcoats as a good prevention for crater formation, caused by different environment of application sites.

AFCONA-3750 is an excellent anti-crater and substrate wetting agent. AFCONA-3750 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 coating

Product specification

Active ingredients	50 - 53%
Density at 20 °C	1.05 - 1.07 g/cm ³
Solvents	Methoxy Propyl Acetate
Refractive index	1.420 - 1.430
Flashpoint	42°C
Colour	max.3
Appearance	transparent to slight yellowish liquid

Addition and dosage

0.1 – 1.0% on total formulation. In general, under normal conditions, the dosage is 0.1 – 0.5% based on total formulation

Incorporation

AFCONA-3750 should be added at the end of the batch preparation

Storage

AFCONA-3750 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

25 kg and 210kg non-returnable containers