

# 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 resins
- 2) polyurethane coatings
- 3) two-pack epoxy compounds
- 4) air-drying alkyd systems
- 5) UV coatings

## Product specification

Active ingredients	≥96%
Density at 20 °C	1.11 - 1.13 g/cm <sup>3</sup>
Refractive index	1.450 - 1.460
Colour	max.3
Appearance	transparent to slight yellowish liquid

## Addition and dosage

0.05 – 1.0% 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

5 & 25 kg non-returnable containers