

# AFCONA – 3670



## Chemical Composition

Fluorocarbon modified polyacrylic

## Product general description

Anti-crater, substrate wetting and leveling agent for solvent-based coatings

## Product Properties

AFCONA-3670 is an improved version of AFCONA-3777 on managing surface control of coatings. It has lower surface tension than AFCONA -3777. The combination with a suitable polysiloxane for better overall performance is highly recommended.

Due to the fluorocarbon modification, it gives lower surface tension than normal pure acrylic leveling agents. Therefore, it gives better anti-crater and improved substrate wetting.

The obvious performances of AFCONA-3670 are:

1. improve leveling
2. prevent craters
3. help substrate wetting
4. act as a defoamer and de-aeration aid
5. do not interfere with intercoat adhesion

AFCONA-3670 is suitable for all solvent based coatings, especially:

1. baking paints, as leveling and anti-crater agent
2. PU coatings, as leveling, anti-crater and anti inner bubble agent
3. epoxies, as leveling and anti-crater agent

## Product specification

Active ingredients	69 - 71%
Solvents	Xylene / Butylacetate / Methoxy Propyl Aceate
Density at 20 °C	0.99 - 1.01 g/cm <sup>3</sup>
Refractive index	1.450 - 1.460
Flashpoint	25°C
Colour	max.3
Appearance	transparent to slightly yellowish liquid

## Addition and dosage

0.3 – 2.0% on total formulation. In general, under normal conditions, the dosage is 0.3 – 0.8% based on total formulation.

## Incorporation

AFCONA-3670 should be added at the end of the batch preparation

## Storage

AFCONA-3670 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 190 kg non-returnable containers