



# AFCONA – 3670

## Chemical Composition

Fluorocarbon modified polyacrylate polymer.

## 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 as below:

- 1) Prevent craters.
- 2) Help substrate wetting.
- 3) Improved leveling.
- 4) Do not interfere with inter-coat adhesion.
- 5) Act as a defoamer and de-aeration aid.

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

Non-volatile matter	69 - 71% (150°C,0.5h)
Solvent	Xylene/n-Butyl Acetate/ PMA
Density	0.99 – 1.01 g/cm <sup>3</sup> (20°C)
The refractive index	1.450 - 1.460 (25°C)
Flash point	39°C
Gardner color	Max.3
Appearance	Clear to slight yellowish liquid (25°C)

## Addition and dosage

0.30 – 2.00% on total formulation. In general, under normal conditions, the dosage is 0.30 – 0.80% 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

25kg and 200 kg non-returnable containers

AFCONA ADDITIVES

Web Site : [www.afcona.com](http://www.afcona.com)

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This version replaces all previous ones.