

# AFCONA-3595



## Chemical Composition

Organic fluorocarbon modified polysiloxane.

## Product general description

AFCONA-3595 is a leveling and substrate wetting agent for aqueous coatings and printing inks.

## Product Properties

AFCONA-3595 is a substrate wetting agent based on a fluorocarbon and specially structured polyether-modified polysiloxane. It can rapidly reduce the surface tension to effectively solve substrate wetting problems caused by the high surface tension or poorly treated substrates.

AFCONA-3595 offers the following advantages:

- 1) Excellent anti-crater behavior.
- 2) Excellent reduction of surface tension.
- 3) Fast substrate wetting.
- 4) No inter-coat adhesion problems. No re-coating problems.
- 5) Little or no foam stabilization.

## Product Specification

Non-volatile matter	≥90% (120°C,0.5h)
Density	1.018 - 1.058 g/cm <sup>3</sup> (20°C)
Refractive index	1.436 - 1.456 (25°C)
Gardner color	Max.8
Flash point	> 100°C
Appearance	Brownish-yellow clear liquid (25°C)

## Addition and dosage

0.1-1.0% on total formulation. Under normal conditions, the dosage is 0.2-0.6% based on total formulation.

## Incorporation

AFCONA-3595 should be added during the paint mixing stage. Shear force is required to make sure well-mixed with the base paste system.

## Storage

AFCONA-3595 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 3 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

## Packaging

25kg and 180 kg non-returnable containers

**For product safety information: please refer to the product SDS.**

AFCONA ADDITIVES

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

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This version replaces all previous ones.