

# AFCONA - 3775



## Chemical Composition

Special acrylic polymer with very good defoaming effect.

## Product general description

Leveling agent with very high defoaming effect for solvent-based coatings.

## Product Properties:

AFCONA-3775 is an acrylic polymer tailor made for those applications that need good leveling as well as high defoaming effect like coil coatings and other foam sensitive systems. It is recommended as non-silicone leveling agent where silicone is not permitted due to inter-coat adhesion problem.

AFCONA-3775:

- 1) Next to the fast initial leveling it also improve the last stage leveling (before the coating become not flowable anymore)
- 2) prevents foam formation
- 3) works as de-aerator and defoamer
- 4) does not interfere with inter-coat adhesion

Most leveling agent stabilized foam due to good compatibility and low surface tension. However AFCONA – 3775 come with strong defoaming property as well as a very good leveling agent.

It is suitable for all solvent-based coatings, especially for:

- 1) All paint systems applied by roller or dipping, that needs next to a good leveling a strong defoaming performance without crater formation, like coil coatings and can coatings.
- 2) Sometime recommended to combine with AFCONA -3670 or AFCONA -3700 to further improve substrate wetting and anti-crater properties
- 3) 2 pack PU coatings and epoxies
- 4) All baking paints
- 5) Matt finished wood coatings and sealers.
- 6) Not suitable for unpigmented high gloss systems, because due to the high defoaming effect, it will give in-can haziness.

## Product Specification

Non-volatile matter	69 - 73% (150°C,0.5h)
Solvent	DIBK/Xylene
Density	0.99 – 1.03 g/cm <sup>3</sup> (20°C)
Flash point	39°C
Gardner color	Max.3
Appearance	Transparent to slightly yellow liquid (25°C)

## Addition and dosage

0.50 – 2.00% on total formulation. In general, under normal conditions, the dosage is 0.50 – 0.80% based on total formulation.

## Incorporation

AFCONA-3775 should be added at the end of the batch preparation.

## Storage

AFCONA-3775 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.