

# AFCONA-3030



## Chemical Composition

Polyether-modified polysiloxane.

## Product general description

A slip and leveling agent for solvent-based and water-based systems.

## Product Properties

AFCONA-3030 is a polyether-modified polysiloxane, used as a general slip and leveling agent.

It effectively prevents the formation of Bénard Cells in all solvent-based coatings, providing leveling and anti-crater properties.

It has lower slip performance than AFCONA-3031, AFCONA-3033 and AFCONA-3230.

Therefore, it is considered a moderate slip leveling agent that imparts a dry-type slip feel.

AFCONA-3030 can be used as leveling and anti-cratering agent in water-based and solvent-based applications. However, it may stabilize foam, particularly in water-based coatings.

AFCONA-3030 is recommended for:

- 1) Economic and effective slip and leveling agent in air-drying alkyd systems.
- 2) Excellent anti-cratering properties and very low foam stabilization in polyurethane system.
- 3) All types of solvent-based coating systems, serving as an effective additive for preventing Bénard cells.
- 4) Industrial baking coatings with curing temperatures below 170°C as slip, leveling, and anti-cratering additive.
- 5) Pigment grinding phase to accelerate pigment wetting and grinding efficiency.
- 6) Not recommended for foam-sensitive systems, such as solvent-free epoxy floor coatings, as it may increase foam stability.
- 7) Slip and leveling agent in almost all solvent-based coatings.

## Product Specification

Non-volatile matter	50 - 54% (120°C, 0.5h)
Solvent	Isobutanol
Density	0.90 - 0.92 g/cm <sup>3</sup> (20°C)
Refractive index	1.415 - 1.425 (25°C)
Flash point	40°C
Appearance	Clear to slightly yellowish liquid (25°C)

## Addition and dosage

0.1-1.0% on total formulation. Under normal conditions, the dosage is 0.2-0.5% based on total formulation.

## Incorporation

AFCONA-3030 can be incorporated at any stage of production. When added during the dispersion process, it speeds up wetting.

## Storage

AFCONA-3030 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 5 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

## Packaging

25kg and 180kg 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.