

# AFCONA-3252



## Chemical Composition

Polyalkyl modified polysiloxane.

## Product general description

Silicone-based slip & leveling agent for solvent-based and water-based coatings.

## Product Properties

AFCONA-3252 is a 100% active polyalkyl modified polysiloxane. It imparts a very smooth hand-feel to the paint film and aids in the leveling of the coating. AFCONA-3252 gives a dry smooth hand-feel and can be applied in solvent-based and water-based coating systems.

AFCONA-3252 exhibits low foam stabilization and has little influence on inter layer adhesion, even when used in repair finishes.

AFCONA-3252 is recommended for all wood coating systems, such as NC, acid curing and PU systems, as well as high-temperature baking systems.

AFCONA-3252 can also provide good slip and leveling in TPA and NC systems where conventional leveling agents perform poorly.

## Product Specification

Non-volatile matter	≥95% (120°C,0.5h)
Density	0.96 - 0.99 g/cm <sup>3</sup> (20°C)
Refractive index	1.405 - 1.425 (25°C)
Gardner color	Max.4
Flash point	>100°C
Appearance	Clear to slightly yellow liquid (25°C)

## Addition and dosage

0.1-0.5% on total formulation. Under normal conditions, the dosage is 0.1-0.3% based on total formulation.

## Incorporation

AFCONA-3252 can be incorporated at any stage of production. Shear force must be applied to ensure homogeneous mixing with the system.

## Storage

AFCONA-3252 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 190 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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