

# AFCONA – 3254



## Chemical Composition

Polyether modified polydimethylsiloxane

## Product general description

Substrate wetting and levelling agent for solvent based coating systems.

## Product Properties

AFCONA-3254 is polyether modified polysiloxane, and recommended to be substrate wetting and levelling agent for solvent based systems. Fast moving to the surface between liquid and solid, liquid and air, and prevent the formation of Bernard cell in solvent based coating systems, and provide the performance of wetting and levelling.

AFCONA-3254 can be easily combined with most solvent based resin systems, and less foam stability behavior.

AFCONA-3254 is a middle performance of slip and levelling agent. It can improve the feeling of touch by dry slip.

AFCONA-3254 is recommended to:

- 1) 2K polyurethane systems;
- 2) TPA systems;
- 3) Epoxy resin systems;

## Product Specification

Non-volatile matter	≥98 % (120°C,0.5h)
Density	0.985-1.025 g/cm <sup>3</sup> (20°C)
The refractive index	1.424 - 1.439 (25°C)
Flash point	> 100°C
Appearance	Clear to slightly yellow liquid (25°C)

## Addition and dosage

Based on total formulation: 0.1- 1.0%.

Normally the addition is 0.3-0.5% based on total formulation.

## Incorporation

AFCONA-3254 can be incorporated at any stage of process. if added after process, shear force and well dispersing is necessary.

## Storage

AFCONA-3254 should be stored at cool and dry place. It will be kept up for 5 years in unopened container from manufactured. the expiry date are indicated on the containers.

## Packaging

25kg and 190 kg non-returnable containers