

# AFCONA – 3522



## Chemical Composition

Modified polysiloxane emulsion(APE-free)

## Product general description

Additive to improve surface characteristics of aqueous coatings

## Product Properties:

AFCONA-3522 is an emulsion of an organically modified polysiloxane, emulsified in water.

Basically, the silicone used in AFCONA-3522 is a hydrophobic polymer that after drying gives water resistance and slip performance to the coating. AFCONA-3522 promotes the general surface characteristics and improves the general surface characteristics and improves the following properties:

1. anti-crater and substrate wetting
2. levelling
3. low foam stabilizing in water
4. slip and surface smoothness
5. water-repellency

AFCONA-3522 is recommended for use in all kinds of water-based coatings.

## Product Specification

Non-volatile matter	34 - 36% (120°C,0.5h)
Solvent	Water
Density	0.97 – 0.99 g/cm <sup>3</sup> (20°C)
Appearance	milk white liquid (25°C)

## Addition and dosage

0.1 – 1.0% on total formulation. In general, under normal conditions, the dosage is 0.1 - 0.5% based on total formulation.

Note:Amount below 0.4% will not cause intercoat adhesion problem.

## Incorporation

AFCONA-3522 should be added at the end of the batch preparation. For easier incorporation AFCONA-3522 can be diluted with water.

**Shake well before use!**

## Storage

AFCONA-3522 should be stored in a cool dry place and protected against frost. When kept in an original unopened container, it will keep up to 2 years from the date of manufacture. The expiry date is indicated on the container.

## Packaging

25kg and 190 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.