

# 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% (150°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)

This information and all further technical advice are based on our present knowledge and experience. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used. We reserve the right to make any changes according to science and technological progress or further developments.

This version replaces all previous ones.