

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 in water. The silicone used in AFCONA-3522 is an hydrophobic polymer that, after drying, gives water resistance and slip performance to the coating.

AFCONA-3522 promotes the general surface characteristics and improves the following properties:

1. Anti-cratering and substrate wetting.
2. Leveling.
3. Low foam stabilization in water.
4. Slip and surface smoothness.
5. Water repellency.

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

Note: AFCONA-3522 may separate during storage. Ensure it is mixed well before use. It will not influence the performance.

Product Specification

| | |
|---------------------|--------------------------------------|
| Non-volatile matter | 34 - 36% (150°C,0.5h) |
| Solvent | Water |
| Density | 0.97 - 0.99 g/cm ³ (20°C) |
| Appearance | Milky liquid (25°C) |

Addition and dosage

0.1-1.0% on total formulation. 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.

Storage

AFCONA-3522 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 2 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

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This version replaces all previous ones.