

AFCONA-3233



Chemical Composition

Polyether-modified polysiloxane.

Product general description

Slip and leveling agent for solvent-based and water-based coatings.

Product Properties

AFCONA-3233 effectively prevents Bernard Cells, provide leveling and works as an anti-crater agent. The slip performance is not as high as that of AFCONA-3031, AFCONA-3033 and AFCONA-3230. Thus, it is a moderate dry slip type leveling agent.

AFCONA-3233 can be used as a leveling and anti-crater agent in water-based and solvent-based applications. It tends to stabilize more foam in water-based coatings.

AFCONA-3233 is recommended for:

- 1) Economical and effective slip and leveling agent for air-drying alkyd systems.
- 2) Effective anti-crater agent for polyurethane systems. It also gives very low foam stabilization in polyurethane system.
- 3) Excellent additive for preventing Bernard Cells in all solvent-based systems.
- 4) Industrial baking systems where baking temperature is below 170°C.
- 5) Pigment grinding phase to accelerate pigment wetting and grinding.
- 6) Due to its foam-stabilizing behavior, it is not suitable for foam-sensitive systems like solvent-free epoxy floor coatings.
- 7) AFCONA-3233 can be used in almost all solvent-based coatings as a slip and leveling agent.

Product Specification

Non-volatile matter	≥ 96 % (120°C,0.5h)
Refractive index	1.440 - 1.450 (25°C)
Flash point	> 100°C
Appearance	Clear to slightly hazy/ yellowish liquid (25°C)

Addition and dosage

0.05-1.0% on total formulation. Under normal conditions, the dosage is 0.10-0.50% based on total formulation.

Incorporation

AFCONA-3233 can be incorporated at any stage of production. Adding it during the dispersion process speeds up wetting.

Storage

AFCONA-3233 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 5 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

30kg and 200kg 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.