

AFCONA - 3233



Chemical Composition

Organically modified Polyether Polysiloxane

Product general description

Slip and leveling additive for solvent and water-based system.

Product Properties

AFCONA-3233 is mainly used as general slip and leveling agent for all solvent-based coatings to prevent Bénard Cells, provide levelling and works as anti-crater agent. The slip performance is not so high comparing to AFCONA – 3031, AFCONA – 3033 and AFCONA – 3230. Thus, this is a moderate slip leveling agent but the slip characteristic is dry type.

AFCONA-3233 can be used as leveling and anti-crater agent in water as well as in solvent-based applications. This product will stabilize more foam in water-based coatings.

The special properties and recommended systems for AFCONA – 3233 are:

- 1) A very economic and effective slip and leveling agent for air-drying alkyd systems
- 2) A very effective anti-crater agent for polyurethane systems. It also gives very less inner bubble sensitivity in polyurethane system
- 3) Perform as a superior additive against Bénard Cells in all solvent-based systems
- 4) Suitable for industrial baking systems, where baking temperature is less than 170°C
- 5) Can be added into the grinding phase to speed up the wetting and grinding speed of pigments
- 6) Due to the foam stabilizing behavior not suitable for foam sensitive systems like solvent-free epoxy floor coatings.
- 7) Basically AFCONA – 3233 can be used in almost all solvent-based coatings as slip and leveling agent

Product specification

Active ingredients	≥ 96%
Refractive index	1.440 - 1.450
Flashpoint	> 100°C
Appearance	transparent to slight yellowish liquid

Addition and dosage

0.05 – 0.50% on total formulation. In general under normal conditions, the dosage is 0.05 – 0.25% based on total formulation.

Incorporation

AFCONA-3233 can be added at any stage during the production process.

Storage

AFCONA-3233 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container

Packaging

25 kg and 190 kg non-returnable containers