

AFCONA - 3232



Chemical Composition

Organically modified polyether polysiloxane

Product general description

Additive designed as slip and leveling for solvent-based coatings.

Product Properties

AFCONA – 3232 is the solvent-free version of AFCONA – 3033. AFCONA-3232 is an end modified special polysiloxane. With this modification, it enhances coatings slip performance and surface smoothness. The slip characteristic is dry type, which makes it very suitable for wood coatings and thermoplastic character resins.

It has excellent compatibility properties, making it very suitable for use in clear coatings.

However, good compatibility also comes with more foam stabilizing. Thus for foam sensitive systems, a defoamer like AFCONA – 2020, AFCONA - 2022 and AFCONA - 2045 should be used to eliminate the extra foam generated. However, for normal conventional spray systems, these extra defoamers are not needed.

AFCONA-3232 is recommended for below systems:

- 1) All wood coating systems based on NC, Acid Curing and Polyurethane. It also can be used in UV coatings, where transparency of the coating is needed.
- 2) Suitable for thermoplastic character resins like Thermoplastic Acrylic and NC systems. It gives very good slip and leveling properties for these systems.

Product specification

Active ingredients	≥ 95 %
Density at 20 °C	1.06 - 1.08 g/cm ³
Refractive index	1.440 - 1.460
Flashpoint	> 100°C
Colour	max.3
Appearance	transparent to slight yellowish, slight hazy at temperature below 5°C

Addition and dosage

0.05– 0.5% on total formulation. In general, under normal conditions, the dosage is 0.05 – 0.25% based on total formulation.

Incorporation

AFCONA-3232 can be added at any stage during the production process. If added during the dispersion process, it speeds up wetting

Storage

AFCONA-3232 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