

AFCONA - 3251



Chemical Composition

Special organically modified Polysiloxane

Product general description

Additive designed to perform the highest slip in all solvent based coating without foam stabilizing property

Product Properties

AFCONA-3251 is the improvement version of AFCONA 3250. It specially developed to further improve the levelling performance.

Most polysiloxane with good transparency stabilize foam, or, when not stabilizing foam affect the transparency of the coating. Thus AFCONA – 3251 fulfill all the needs of most paint formulators where it gives very good slip, no foam stabilizing effect and good transparency.

Due to these excellent properties AFCONA – 3251 is very suitable for use in:

- 1) All wood coating systems like NC, Acid Curing, PU and UV. Slip is always one of the important measurements for wood coatings.
- 2) Top coats in plastic coating applications like mobile phone and those plastic items that frequently touched by our hand. In these applications, slip is very important.
- 3) UV coatings, where it gives very good slip and leveling without influence the clarity of the paint film.
- 4) Refinish topcoat that based on polyurethane.
- 5) Others paint systems where high slip is desired.

Note: AFCONA – 3251 will become slightly hazy at temperatures below 5° C. This will not influence the quality.

Product specification

| | |
|--------------------|--|
| Active ingredients | ≥ 95% |
| Density at 20 °C | 0.98 - 1.00 g/cm ³ |
| Flashpoint | > 100°C |
| Colour | max 4 |
| Appearance | transparent to slight yellowish liquid |

Addition and dosage

0.05 – 0.50% on total formulation. In general under normal conditions, the dosage is 0.10 – 0.30% based on total formulation.

Incorporation

AFCONA-3251 can be added at any stage during the production process.

Storage

AFCONA-3251 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