

AFCONA – 3277



Chemical Composition

Fluorocarbon modified polymer

Product general description

Anti-crater, substrate wetting and leveling agent for solvent-based coatings

Product Properties

AFCONA – 3277 is the 100% active ingredient version of AFCONA – 3777. Thus, it has similar performance as AFCONA – 3777 in the same solid content form.

AFCONA-3277 is a fluorocarbon modified polyacrylic. It can serve as non- silicone leveling agent, where silicone is not permitted due to intercoat adhesion problems. However, we highly recommend the usage of combination with a suitable Polysiloxane for better overall performance, if silicones are permitted.

If the requirements are to solve problems caused by high surface tension or to bring down the surface tension strongly, AFCONA-3700 will be a better choice. AFCONA-3700 is also nearly 100% active and due to the higher fluorocarbon content more effective with a lower dosage. AFCONA -3700 has better compatibility properties than AFCONA-3277. However, the foam stabilizing effect is slightly higher.

AFCONA-3277:

- 1) improves levelling
- 2) prevents cratering
- 3) helps substrate wetting
- 4) acts as a defoamer and de-aeration aid
- 5) does not interfere with intercoat adhesion

AFCONA – 3277 is recommended for all solvent-based and high solid systems. Due to AFCONA – 3277 do not contain any solvent, it very suitable to use in high solids and solvent-free systems like UV, epoxy, polyurethane, PMMA flooring etc.

Product specification

Active ingredients	≥ 96%
Density at 20 °C	0.97 - 0.99 g/cm ³
Flashpoint	89°C
Colour	max.3
Appearance	Slight hazy and slight yellowish liquid

Addition and dosage

0.2 – 1.0% on total formulation. In general, at normal conditions, the dosage is 0.2 – 0.4% based on total formulation

Incorporation

AFCONA-3277 should be added at the end of the batch preparation

Storage

AFCONA-3277 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