

AFCONA - 2720



Chemical Composition

Defoamer containing silicone free polymers

Product general description

Anti-foam and deaeration additive for use in unsaturated polyesters, coil and can coatings, epoxies and PVC-compounds.

Product Properties

AFCONA-2720 supports the quick deaeration of thermosetting resin systems, so that foam and blister-free self-levelling compounds and laminates can be processed.

In can and coil coating, choosing a defoamer is very critical. A wrong choice will result in inconsistency occur of crater in the line.

AFCONA - 2720 is the suitable defoamer for this application as it gives very little side effects like others defoamers do.

AFCONA-2720 can be used in pigmented or non-pigmented resin systems such as:

- 1) unsaturated polyesters (SMC/BMC gelcoats and synthetic mortars)
- 2) two-pack epoxies
- 3) Polyester/melamine stoving systems
- 4) PVC-compounds

In high pigmented and high viscosity systems, incorporation of a suitable dispersing agent will reduce the viscosity. This will help to improve de-aeration. Products like AFCONA – 5010 is suitable for extender rich systems and AFCONA – 4070 and AFCONA – 4047 are suitable for inorganic and organic pigments.

Product specification

Solvents	alkylbenzene/sbp spirit
Density at 20 °C	0.82 - 0.84 g/cm ³
Refractive index	1.467 - 1.477
Flashpoint	26 °C
Appearance	Slight hazy to slight yellowish liquid

Addition and dosage

0.1-1.0% on total formulation. In general at normal conditions, the dosage is 0.2 – 0.5% based on total formulation.

Incorporation

AFCONA-2720 can be incorporated through simple mixing. A homogeneous mix will increase the efficiency.

Storage

AFCONA-2720 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 170 kg non-returnable containers