

Technical Leaflet

WorléeAdd 101

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W'Add 101 is a special polymeric silicone-free flow control agent and resin modifier used as additive to correct surface imperfections mainly in solvent based and solvent free lacquers and printing inks incl. powder coating formulations.

By addition of W'Add 101 the initial and intercoat adhesion normally is not affected. The unique chemical structure of this product renders it suitable for epoxy, polyester, acrylic, vinyl, urethane resins and other systems.

With higher additions W'Add 101 works as plasticizer.

Technical Data:

Appearance	colourless, high viscous liquid
Non volatile content, 1h/125 °C, DIN EN ISO 3251	98 - 100%
Viscosity, Rheometer, 20 °C, C 35/1°, 50 s-1	30,000 - 50,000 mPa·s

Application and Properties:

W'Add 101 is used to improve levelling and to avoid surface imperfections as orange peel effect, cratering, Benard's cells etc.. W'Add 101 is UV-stable.

The low viscosity and good thermostability make W'Add 101 especially suitable for master batches.

The usual additional quantities are between 0.1-1.0%, calculated on total formulation.

For powder coatings application in a so called master batch based on epoxy or polyester resin with approx. 10% W'Add 101 mostly is recommendable.

The compatibility of powder coatings containing different flow control agents could be critical. Therefore we recommend corresponding preliminary trials.

Storage stability:

Stored properly at temperatures < 40 °C in original unopened containers W'Add 101 at least can be used without any restrictions 12 months.