

Technical Leaflet

Resiflow FL 2

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Silicone Free Surface Additive for Non-Aqueous Systems and Powder Coatings

Weatherproof and UV-resistant polymeric additive to improve leveling; especially for coil coatings and 2-pack PUR systems.

Technical Data:

Appearance	colourless, high viscous liquid
Chemical composition	polyacrylate
Active substance	approx. 98%

Recommended Uses:

Resiflow FL 2 is a silicone free, polymeric flow control agent and resin modifier used to correct surface imperfections in coating and printing ink formulations. Craters, pin holes and fisheyes may be eliminated or substantially reduced. Adhesion improves and intercoat adhesion is not affected when used at recommended use levels.

The unique chemical structure of this product makes it suitable for a great variety of resins, especially 2-pack PUR systems. Resiflow FL 2 is stable to UV-radiation.

Resiflow FL 2 is designed for powder coatings, solvent based coatings, high solids, can, coil and UV-coatings. Printing inks based on flexographic or silk screen have also shown improved characteristics. A small addition of Resiflow FL 2 into vinyl organosols and polyester gel coats improves their performance.

Typical use level is 0.2 - 2.0% on total formulation.

Incorporation:

In powder coating applications best results are obtained when the flow control agent is used as master batch consisting of 90 - 95% resin and 5 - 10% Resiflow FL 2.

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

Incorporation to liquid systems under shear at any stage of manufacture, preferably with agitation before final thinning.

Optimal use levels should be evaluated by laboratory tests. If assistance is needed, please contact your Worlée representative.

Handling and Storage:

Store in a dry and cool place and keep containers tightly closed. Shelf life in unopened packages is at least 12 months.