

## Technical Leaflet

# Resiflow FM 4

Art.-No. 114001-00236

Revision: 15.07.13

Resiflow FM 4 is an acrylic based additive used in solvent based coatings, high solids, coil coatings and powder systems.

If applied at effective concentrations, it will correct surface imperfections, improve flexibility and increase adhesion. Additionally it exhibits excellent hydrolytic stability and outdoor durability. It does not yellow or lose gloss when exposed to UV-radiation.

### Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	min. 98%
Appearance	colourless, viscous liquid
Viscosity, 20 °C, delivery form, ball 6, DIN 53015	70 - 90 Pa·s
Density, 20 °C, DIN EN ISO 2811-1	approx. 1.0 g/cm <sup>3</sup>

### Application and Properties:

The recommended level of usage is between 0.2 and 2.0% calculated on total formulation. The method of incorporating this additive into coating systems does not affect its performance as long as it is uniformly dispersed in the system. This can be easily achieved by mixing Resiflow FM 4 with the other paint ingredients.

In powder coating applications best results are obtained when the flow control agent is used as a concentrate consisting of 90 - 95% resin and 5 - 10% Resiflow FM 4. This so called "master batch" is very popular, especially in epoxy coating systems.

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