

## Technical Leaflet

# Resiflow W 52

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### Acrylic Flow and Levelling Additive For Aqueous and Solvent Based Systems

Excellent compatibility with various resins. Improves film flexibility and impact resistance.

#### Technical Data:

Appearance	colourless, medium-viscous liquid
Chemical characteristic	carboxy functional acrylic polymer
Active substance	50%

#### Recommended Uses:

Weather- and UV-resistant polymeric levelling agent to prevent surface defects like craters, pinholes, cell structure, orange peel, etc. Excellent compatibility with various resins.

For universal use in most resin systems and aqueous can coatings.

Resiflow W 52 is suitable for aqueous and solvent based coatings and inks. Water solubility can be achieved by neutralisation with amines or ammonia. This is not necessary in systems with a pH of 8 or higher.

Levels of 5% and more usually have no impact on the coating transparency. 5 - 15% of Resiflow W 52 substantially improve impact resistance and flexibility.

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

#### Incorporation:

Best results are obtained by adding Resiflow W 52 into the coating resin first and then blending it with the other coating ingredients.

Optimal use levels for specific formulations 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.