

Technical Leaflet

WorléeAdd 3585

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Silicone Based Additive for Surface Modification

For solvent borne and aqueous systems.

Surface additive for solvent and water based paints and lacquers, printing inks, overprint varnishes and UV-hardening systems.

Technical Data:

Appearance	colourless to slightly brownish liquid
Chemical characteristic	polyether modified PDMS
Active substance	100%

Recommended Uses:

Multifunctional modified silicone product for solvent borne and aqueous paints and lacquers including UV curing systems and printing inks.

Improves leveling and scratch resistance, prevents pigment floating and surface defects. Very effective and well compatible with various binders, therefore particularly recommended for aqueous high gloss and clear coatings.

To add very small amounts, it may be diluted with solvents like isopropyl alcohol, butyl glycol, methoxy propyl acetate etc.

Typical use level is 0.01 - 0.50% on total formulation.

Incorporation:

Incorporation under shear at any stage of manufacture. Preferably added with agitation before final thinning.

Overdosing silicone additives may have negative impact on intercoat adhesion and / or surface quality. Optimal use levels should be evaluated by laboratory tests. If assistance is needed, please contact your Worlée representative.

Handling and Storage:

At low temperatures the product may get turbid. In this case we recommend a slight heating and homogenization. After this treatment the product can be used without any loss of quality. Store in a dry and cool place and keep containers tightly closed.

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Shelf Life:

The storage stability of WorléeAdd 3585 in the originally closed barrel is at a storage temperature from + 5 to + 25 °C twelve months, counted from the day of the delivery ex works.