

TYPE

Silicone type paint additive

FORM OF DELIVERY (f.o.d.)

Active substance

approx. 14 %

PRODUCT DATA

Determined per batch:

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 2 g)	[%]	11,5 - 13,5
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Iodine Colour Number DIN 6162

iodine colour number		max. 1
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Refractive Index DIN 53491

refractive index (20 °C)		1,4850 - 1,4950
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Not continually determined:

Colour / Appearance VLN 250

colour		colourless
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Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm ³]	0,89
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Flash Point DIN EN ISO 1523

flash point approx.	[°C]	5
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Appearance

low-viscous liquid

SPECIAL PROPERTIES

Paint additive to enhance mar resistance and levelling of air drying and stoving paints, particularly for silicone modified air drying and stoving alkyd resins.

SUGGESTED USES

Additol XL 121 is a silicone containing paint additive supplied as low-viscous solution. Additol XL 121 enhances mar resistance of solvent-borne paints by reducing the surface resistance of the paint film. Additol XL 121 improves levelling and prevents film structures and thus enhances film performance in general.

Additol XL 121 is suited for air drying alkyds, stoving alkyds, thermosetting acrylic resins, nitrocellulose paints, acid curing paints, alkyd-acrylate-isocyanate systems, and particularly for air drying and stoving-silicone modified alkyd resins. The effect of Additol XL 121 depends on the type of paint system and on the formulation. The quantity of Additol XL 121 may range from 0.1 - 0.5 % on paint as a guide.

PROCESSING

For optimum distribution, Additol XL 121 is added prior to final adjustment of the viscosity and the colour shade.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 730 days.

DISTINGUISHING FEATURES

In difference to Additol XL 122, Additol XL 121 shows better overspray acceptance.

