

TYPE

Silicone type paint additive

FORM OF DELIVERY (f.o.d.)

Appearance

colourless, clear, low viscous liquid

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219
dynamic viscosity [mPa.s] 20 - 80
(100 1/s; 23 °C)

Iodine Colour Number DIN 6162
iodine colour number <= 2

Non-Volatile Matter DIN EN ISO 3251
non-volatile matter [%] 44 - 46
(1 h; 125 °C; 1 g)

Not continually determined:

Colour / Appearance VLN 250
colour colourless
appearance clear

Density (Liquids) DIN EN ISO 2811-2
density [g/cm³] 0,94
(20 °C)

Flash Point DIN EN ISO 1523
flash point [°C] 25

SPECIAL PROPERTIES

Paint additive to enhance mar resistance and slip and to improve flow and levelling in air drying and stoving paints.

SUGGESTED USES

Additol XL 122 is a silicone type paint additive. It enhances the resistance of solventborne paints to mechanical attack by increasing the slip of the paint surface. Furthermore, Additol XL 122 improves levelling and flow prevents surface defects like orange peel and thus in general contributes to the formation of flawless film surfaces with enhanced sheen. In coil coating and can coating paints as well as in furniture enamels Additol XL 122 is used to prevent blocking also. Additol XL 122 can be employed with air drying alkyd resin paints, alkyd resin stoving paints, thermosetting acrylic paints, nitrocellulose lacquers, acid curing paints, alkyd-isocyanate paints or acrylics, isocyanate enamels.

Paints containing Additol XL 122 can be recoated in general without additional treatment of the surface. The effect of Additol XL 122 varies with the formulation of the paint. A level of 0.05 to 0.3 % of Additol XL 122 on the finished paint may serve as a guide.

PROCESSING

In order to obtain thorough distribution in the paint it is recommended to add Additol XL 122 prior to final dilution with the solvents and prior to adjusting the final colour tone.

STORAGE

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

SPECIAL INDICATIONS

The full effect of Additol XL 122 comes out immediately and is not diminished upon prolonged storage.

Additol XL 122 is supplied dissolved in flammable solvents and should be handled with the following precautions:

1. Store in cool places and protect from open flames.
2. Do not inhale vapours for too long.
3. Use protective goggles.

