ADDITOL® XL 480

TYPE

Levelling agent without additon of silicone, amine resin modified acrylic copolymer

SPECIAL PROPERTIES

Additive to improve surface quality of paint films, particularly automotive coatings.

FORM OF DELIVERY (f.o.d.)

Active substance

approx. 70 %

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219 dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	150 - 280
Iodine Colour Number DIN 6162 iodine colour number		<= 2
Non-Volatile Matter DIN 55671 non-volatile matter (120 °C; 5 min)	[%]	69 - 71

Not continually determined:

Colour / Appearance VLN 250 colour appearance		cless-lightyell clear
Non-Volatile Matter DIN EN ISO 3251 non-volatile matter (1 h; 125 °C; 1 g)	[%]	69 - 71
Density (Liquids) DIN EN ISO 2811-2 density approx. (20 °C)	[g/cm³]	0,98
Flash Point DIN EN ISO 1523 flash point approx.	[°C]	37

SUGGESTED USES

Additol XL 480 may be used with any type of paint material, e.g. on the basis of alkyd/melamine systems, acrylics, polyurethane systems, oil-free polyesters, etc. Additol XL 480 prevents surface defects of paint films. In most cases, the coemployment of Additol XL 480 helps to prevent craters, even caused by neighbouring spray mists of other paints.

Further, film defects caused by applicational conditions, like poor levelling, uneven surface, etc. can be avoided. The use of Additol XL 480 affords higher security against surface defects on application.

PROCESSING

A level of 0.1 - 0.5 % of Additol XL 480, on paint, is recommended. The effectivity of higher levels should be checked individually. Additol XL 480 may be added prior to or after dispersion. The effect is not influenced by the sequence of ingredients in paint preparation. Additol XL 480 may also be added as solution dilutet with normal solvents such as aromatic hydrocarbons, alcohols, or glycol ether esters.

The effect of Additol XL 480 becomes prominent immediately after incorporation into the paint and will not fall off after prolonged storage. Negative influences on the mechanical or applicational properties could, up to now, not be observed. Intercoat adhesion on overcoating neither has been recorded.

STORAGE

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

7.0/30.03.2017 (replaces 6.0/22.10.2013)