

ADDITOL® XL 150

TYPE

Anti-gelling agent for air drying and stoving paint systems

FORM OF DELIVERY (f.o.d.)

Active substance

approx. 32 %

Appearance

low viscous liquid

PRODUCT DATA

Determined per batch:

Non-Volatile Matter DIN EN ISO 3251
non-volatile matter [%] 24 -26
(1 h; 125 °C; 1 g)

Not continually determined:

Colour / Appearance VLN 250
colour yellow-brown

Density (Liquids) DIN EN ISO 2811-2
density [g/cm³] 0,89
approx.
(20 °C)

Flash Point DIN EN ISO 1523
flash point [°C] 27
approx.

SPECIAL PROPERTIES

Stabilizes viscosity in air and stove drying pigmented paints. Improves pigment wetting as well as flow and gloss. Even thickened paints can be dispersed again.

SUGGESTED USES

For the processing of thickened primers and topcoats based on oil and alkyd resin, additions of 1.5 - 4.0 %, calculated on the thickened paint, show optimum results.

Highly pigmented, physically drying, acrylic resin paints which show a large viscosity increase due to the use of damp pigments or through traces of water can be converted to a usable range of viscosity by the addition of Additol XL 150.

In waterborne alkyd resin coatings, the pigments are better stabilized during dispersion, flocculation is prevented and no hard sediment is formed.

PROCESSING

Additol XL 150 can be added to the mill charge or after completion of the coating. When high temperatures occur during coating manufacture, we recommend that Additol XL 150 is added shortly after completion.

To obtain a fast effect, Additol XL 150 should be added to the thickened paint under strong stirring in a dissolver or kneader.

In order to suppress and/or prevent viscosity fluctuations and particularly the appearance of after-thickening in the coating, Additol XL 150 should be added at an early stage in the mill charge.

The physical properties of the pigments and extenders, as well as the type of binder, are decisive for the choice of amount of addition. We recommend 0.1 - 5.0 % Additol XL 150 based on the pigment content. Only in the case of an excess dose a loss of dry can result.

STORAGE

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

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