

PRELIMINARY PRODUCT INFORMATION

TYPE

Cobalt-free combination drier, water-emulsifiable

DEVELOPMENT PRODUCT

This product is serving for trial purposes only. Deviations which might occur during transfer into manufacturing in a commercial scale are possible and do not constitute any material defect.

Metal content

approx. 1,2 % Manganese
approx. 12 % Zirconium

SPECIAL PROPERTIES

The cobalt-free combination drier Additol XW 6533 produces in waterborne alkyd resin paints a good set-drying combined with an even through-drying.

Additol XW 6533 contains a balanced metal combination which is necessary for an optimum oxidative drying.

TENTATIVE PRODUCT DATA

Determined per batch:

Colour / Appearance VLN 250

colour brown

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity [mPa.s] 100 - 600
(25 1/s; 23 °C)

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [%] 59 - 63
(1 h; 125 °C; 1 g)

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density [g/cm³] 1,12
approx.
(20 °C)

Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point [°C] 65
approx.

SUGGESTED USES

Additol XW 6533 may be added as siccativ to all waterborne oxidatively drying alkyd resin paints.

PROCESSING

Additol XW 6533 may be added undiluted to the resin in form of delivery. In critical systems we recommend to disperse the combination drier with the pigments and fillers.

Recommended quantity to be added: 4 - 6 %, calculated on solid resin.

STORAGE

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

When stored at temperatures below 20 °C Additol XW 6533 tends to slight crystallization, which is reversible by heating for 24 hours to 40 °C.

REMARK:

Data contained in this publication are based on careful investigations (and are intended for information only). Due to scale up of this product there is not yet sufficient experience concerning serial production. We can therefore not exclude, that based on future knowledge product data and other indicated properties in upcoming Technical Data Sheets will be subject to change. We reserve the right to leave the product name unchanged, even if product data or other indicated properties will vary from the present product info. Regardless of the data contained in this publication any user is obliged to carry out tests under his own responsibility as to the suitability of the product for a particular use and to investigate the possible violation of industrial property rights of third parties. Information is therefore not binding and cannot be construed as guaranteeing specific properties of products. We apply our General Sales Conditions.