

ADDITOL[®] VXW 4971

TYPE

Levelling and wetting agent for waterborne paints, without silicone addition

FORM OF DELIVERY (f.o.d.)

Active substance

approx. 50 %

PRODUCT DATA

Determined per batch:

Colour / Appearance VLN 250	
colour	yellow
appearance	clear
Dynamic Viscosity DIN EN ISO 3219	
dynamic viscosity (25 1/s; 23 °C)	[mPa.s] 1000 - 7000
pH-Value DIN ISO 976	
pH-value adjustment of pH-value with triethylamine (10 %)	8,0 - 9,5
Non-Volatile Matter DIN EN ISO 3251	
non-volatile matter (1 h; 125 °C; 1 g)	[%] 48 - 52

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2	
density approx. (20 °C)	[g/cm ³] 1,00
Flash Point DIN EN ISO 1523	
flash point approx.	[°C] 36

SUGGESTED USES

Additol VXW 4971 can be added at all manufacturing stages, primarily for Resydrol based stoving systems. To improve surface appearance by preventing surface disturbances and wetting problems.

PROCESSING

Additol VXW 4971 can be added at all manufacturing stages, preferably during the milling stage. When subsequent addition is necessary it should first be reduced with glycol ethers such as methoxy propanol in ratio 1 part Additol VXW 4971 and 4 parts methoxy propanol. It should then be added where highest turbulence exists.

Additol VXW 4971 is effective in quantities of 0.2 - 1 % on solid binder. In special cases a higher dosage may be required so that preliminary ladder studies should be conducted to establish the optimum quantity.

Dosage: 0.2 - 1 % on solid binder

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 180 days.

While storing the colour of Additol VXW 4971 may grow darker. The increasing darkness has no effects on result.

DISTINGUISHING FEATURES

Additol VXW 4971 differs from Additol XW 395 in that it is built into melamine resin crosslinked systems.

6.0/30.03.2017 (replaces 5.0/17.09.2013)

• Worldwide Contact Info: www.allnex.com •

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