

VIACRYL[®] VSC 6286w/45WA

TYPE

Solvent-free, self-crosslinking copolymerisate dispersion consisting of acrylic esters and small amounts of styrene

Neutralization agent

0.4 % N,N-dimethylethanolamine, as salt

FORM OF DELIVERY (f.o.d.)

45 % in water (45WA)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity (Brookfield) DIN EN ISO 2555 dynamic viscosity (2; 100 1/min; 23 °C)	[mPa.s]	30 - 600
pH-Value DIN ISO 976 pH-value (10 %)		6,5 - 7,8
Non-Volatile Matter DIN 55671 non-volatile matter (125 °C; 10 min)	[%]	43,5 - 46,5
Not continually determined:		
Colour / Appearance VLN 250 colour		whitish
Density (Liquids) DIN EN ISO 2811-2 density approx. (20 °C)	[g/cm ³]	1,05
Minimum Temperature of Film Formation DIN ISO 2115 minimum temp. of film form. approx.	[°C]	11
Flash Point (Pensky-Martens) DIN EN ISO 2719 flash point	[°C]	> 100

SPECIAL PROPERTIES AND USE

Viacryl VSC 6286w/45WA can be used as sole binder for non yellowing decorative paints, woodstains and for industrial applications.

Viacryl VSC 6286w/45WA can also be used as sole binder for aqueous wood lacquers. Paints based on Viacryl VSC 6286w exhibit good sandability and excellent chemical resistances. Therefore they are suitable for furniture lacquers as well as floor sealers.

PROCESSING

Especially for the production of pigmented high gloss coatings we recommend to work with binder-free pigment pastes based on our dispersing agent Additol VXW 6200. To obtain best results of the dispersion, the recommended additives should be added to the mill base.

Viacryl VSC 6286w should be formulated with suitable coalescent agents, e.g. 2-(2-methoxy ethoxy)ethanol (methyl diglycol).

For the adjustment of the rheological properties of a white top coat we recommend to use acrylate thickeners, like Mowilith VDM 7000 (Clariant).

As flattening agents common wax emulsions or Syloid W 500 (Grace) are suitable.

Tannic acid rich woods, for instance oak, may be discoloured even by only slightly alkaline systems. We recommend checking this before applying clear coats, although own tests on oak showed no discolouring.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

It is important to protect Viacryl VSC 6286w from frost; at low temperatures it has therefore to be stored under frostproof conditions.

Lowest storage temperature: 0 °C

DISTINGUISHING FEATURES

Contrary to Viacryl VSC 6270w, Viacryl VSC 6286w shows no discolouring on woods of light shades.

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• Worldwide Contact Info: www.allnex.com •

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