

VIACRYL[®] VSC 6279w/45WA

TYPE

Copolymer emulsion based on styrene and acrylic acid esters free of organic cosolvents and alkyl phenol ethoxylates

Neutralization agent

0.1 % ammonia, as salt

FORM OF DELIVERY (f.o.d.)

45 % in water (45WA)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219
dynamic viscosity [mPa.s] 280 - 1600
(25 1/s; 23 °C)

pH-Value DIN ISO 976
pH-value 7,7 - 8,5
(10 %)

Non-Volatile Matter DIN 55671
non-volatile matter [%] 43,5 - 46,5
(125 °C; 10 min)

Not continually determined:

Non-Volatile Matter DIN EN ISO 3251
non-volatile matter [%] 43,5 - 46,5
(1 h; 125 °C; 1 g)

Colour / Appearance VLN 250
colour whitish

Density (Liquids) DIN EN ISO 2811-2
density approx. [g/cm³] 1,04
(20 °C)

Minimum Temperature of Film Formation DIN ISO 2115
minimum temp. of film form. [°C] 25
approx.

Flash Point (Pensky-Martens) DIN EN ISO 2719
flash point [°C] >100

SPECIAL PROPERTIES

Excellent compatibility with alkyd resin emulsions.
High shear stability.
Very quick set- and through drying.
Excellent non yellowing properties and outdoor durability.

SUGGESTED USES

Viacryl VSC 6279w/45WA can be used as sole binder to formulate rapid drying corrosion protecting primers and primer surfacers. It can even be used to formulate non yellowing decorative finishing systems with excellent outdoor durability and UV resistance.

In view of its high pigment loading capacity Viacryl VSC 6279w is also suited to formulate wood primers that show good sanding behaviour.

Special emphasis is made to the good compatibility of Viacryl VSC 6279w with alkyd resin emulsions (such as Resydrol AY 466w, Resydrol AY 586w, Duroxyn VEF 4380w, etc.), which when formulated together can shorten the tack-free time and enhance through drying. This may, however introduce yellowing problems.

STORAGE

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

Synthetic resins containing water may freeze or get inhomogenous at temperatures below 0 °C. By this, the product will not suffer any damage, but the necessary regeneration requires extended homogenizing at room temperature. It is therefore recommended to ensure frostproof storage of such products.

Lowest storage temperature: 0 °C

DISTINGUISHING FEATURES

In comparison with Viacryl VSC 6265w/40WA, Viacryl VSC 6279w contains no alkyl phenol ethoxylate, is more stable at lower temperatures and has a higher solids content with similar coating consistency.

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• Worldwide Contact Info: www.allnex.com •

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