

TYPE

Solvent-free copolymerisate dispersion consisting of styrene and acrylic esters

Neutralization agent

0.1 % ammonia, as salt

FORM OF DELIVERY (f.o.d.)

40 % in water (40WA)

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	200 - 1300
--------------------------------------	---------	------------

pH-Value DIN ISO 976

pH-value (10 %)		8,0 - 9,0
--------------------	--	-----------

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g)	[%]	38,5 - 41,5
---	-----	-------------

Not continually determined:

Colour / Appearance VLN 250

colour		whitish
--------	--	---------

Minimum Temperature of Film Formation DIN ISO 2115

minimum temp. of film form. approx.	[°C]	26
--	------	----

Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,05
-------------------------------	---------	------

Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point	[°C]	> 100
-------------	------	-------

SPECIAL PROPERTIES

Excellent compatibility with alkyd resin emulsions.

High shear stability.

Extremely quick set and through-drying.

High yellowing and weather resistance.

SUGGESTED USES

Viacryl VSC 6265w/40WA can be used as sole binder for the production of quick drying anticorrosion primers and fillers. It is also recommended for the production of non-yellowing finishes which show very high weather and UV-resistance.

Because of the high pigment loading ability Viacryl VSC 6265w is also suited for the formulation of wood primers, which show an extraordinarily good sandability.

Very remarkable is the good combineability of Viacryl VSC 6265w with alkyd resin emulsions. The use of Viacryl VSC 6265w in paints based on alkyd resin emulsions (e.g. Resydrol AY 466w, Resydrol AY 586w, Duroxyn VEF 4380w, etc.) can shorten tack-free time and improve through-drying. Therefore it is also possible to increase yellowing resistance.

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 6265w from frost; at low temperatures it has therefore to be stored under frostproof conditions.

Lowest storage temperature: 0 °C

DISTINGUISHING FEATURES

Viacryl VSC 6265w is a copolymerisate dispersion and shows therefore a faster drying and higher yellowing resistance than alkyd resin emulsions (e.g. Resydrol AY 466w).

