

VIACRYL[®] VSC 6265w/40WA

TYPE

Solvent-free copolymerisate dispersion consisting of styrene and acrylic esters

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 minimum temp. of film form. approx. | DIN ISO 2115 [°C] | 26 |
| Density (Liquids) DIN EN ISO 2811-2 density approx. (20 °C) | [g/cm³] | 1,05 |
| Flash Point (Pensky-Martens) DIN EN ISO 2 | | |

Neutralization agent

0.1 % ammonia, as salt

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 $^\circ C$ 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).

| 5.0/18.06.2020 (replaces version 4.0) | Worldwide Contact Info: www.allnex.com | Page 1/2 |
|--|---|--|
| Disclaimer: allnex Group companies ('allnex') exclude all liabil | ity with respect to the use made by anyone of the information contained herein. The information of | ontained herein represents allnex's best knowledge but |
| does not constitute any express or implied guarantee or warr | anty as to the accuracy, the completeness or relevance of the data set out herein. Nothing containe | d herein shall be construed as conferring any license or |

right under any patent or other intellectual property rights of allnex or of any third party. The information relating to the product is given for information purposes only. No guarantee or warranty is provided that the product and/or information is suitable for any specific use, performance or result. Any unauthorized use of the product or information may infringe the intellectual property rights of allnex, including its patent rights. The user should perform his/her own tests to determine the suitability for a particular purpose. The final choice of use of a product and/or information as well as the investigation of any possible violation of intellectual property rights or misappropriation of trade secrets of allnex and/or third parties remain the sole responsibility of the user.

Notice: Trademarks indicated with *, TM or * as well as the allnex name and logo are registered, unregistered or pending trademarks of Allnex Netherlands B.V. or its directly or indirectly affiliated allnex Group companies. ©2020 allnex Group. All Rights Reserved.



VIACRYL[®] VSC 6265w/40WA

Technical Datasheet

5.0/18.06.2020 (replaces version 4.0)

Worldwide Contact Info: www.allnex.com

Disclaimer: allnex Group companies ('allnex') exclude all liability with respect to the use made by anyone of the information contained herein. The information contained herein represents allnex's best knowledge but does not constitute any express or implied guarantee or warranty as to the accuracy, the completeness or relevance of the data set out herein. Nothing contained herein shall be construed as conferring any license or right under any patent or other intellectual property rights of allnex or of any third party. The information relating to the products is given for information purposes only. No guarantee or warranty is provided that the product and/or information is suitable for any specific use, performance or result. Any unauthorized use of the product or information may infringe the intellectual property rights of allnex, including its patent rights. The user should perform his/her own tests to determine the suitability for a particular purpose. The final choice of use of a product and/or information as well as the investigation of any possible violation of intellectual property rights or misappropriation of trade secrets of allnex and/or third parties remain the sole responsibility of the user. Notice: Trademarks indicated with *, TM or * as well as the allnex name and logo are registered, unregistered or pending trademarks of Allnex Netherlands B.V. or its directly or indirectly affiliated allnex Group

companies. ©2020 allnex Group. All Rights Reserved.