

TYPE

Water dilutable acrylic resin, crosslinkable with melamine resins

FORM OF DELIVERY (f.o.d.)

45 % in water (45WA)
(containing also 2.2 % n-butanol)

SPECIAL PRODUCT

Neutralization agent

1.3 % N.N-dimethylethanolamine, as salt

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219
dynamic viscosity [mPa.s] 400 - 2500
(10 1/s; 23 °C)

pH-Value DIN ISO 976
pH-value 7,2 - 8,3
(10 %)

Non-Volatile Matter DIN 55671
non-volatile matter [%] 43,5 - 46,5
(150 °C; 10 min)

Not continually determined:

Colour / Appearance VLN 250
colour whitish

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

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

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

SPECIAL PROPERTIES AND USE

Viacryl SSC 6280w/45WA is the low-solvent delivery form of Viacryl SC 323w.

Coatings based on Viacryl SSC 6280w/45WA can be sprayed, dipped or electrodeposited. Spraying application normally needs higher viscosities compared with solvent containing systems.

For the anodic electrodeposition of coatings based on Viacryl SSC 6280w/45WA bath temperatures between 25 and 32 °C and a solids content of 10 - 15 % are recommended. The voltage can be in a range from 150 - 300 V.

STORAGE

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

Synthetic resins containing water may freeze or get inhomogeneous at temperatures below 0 °C. By this the product will not suffer any damage, but the necessary regeneration requires extended heat treatment at 40 - 50 °C with continuous stirring. It is therefore recommended to ensure frostproof storage of such products.

Lowest storage temperature: - 3 °C

