

TYPE

Epoxy resin modified, non-drying alkyd resin, water dilute able after neutralization with amines

SPECIAL PRODUCT

FORM OF DELIVERY (f.o.d.)

60 % in butyl glycol / methoxy propanol (60BGMP), non-neutralized

PRODUCT DATA

Determined per batch:

Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	1000 - 3000
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Acid Value DIN EN ISO 2114

acid value (non volatile matter)	[mg KOH/g]	38 - 62
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Non-Volatile Matter DIN EN ISO 3251

non-volatile matter (1 h; 125 °C; 1 g; ethyl acetate)	[%]	58 - 62
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Not continually determined:

Colour / Appearance VLN 250

colour	brown
appearance	clear to light cloudy

Density (Liquids) DIN EN ISO 2811-2

density approx. (20 °C)	[g/cm³]	1,07
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Flash Point DIN EN ISO 1523

flash point approx.	[°C]	47
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SPECIAL PROPERTIES AND USE

Resydrol VAX 5519w/60BGMP is particular intended to be used for anti-corrosive primers and high-quality one-coat paints.

For film formation, Resydrol VAX 5519 must be cross-linked with melamine resins suitable for aqueous systems, e.g. Maprenal MF 904, MF 501w or MF 900w at mixing ratios of about 90 : 10 to 75 : 25.

The pH value of the paints should be in the range of 7.3 to 8.5. Neutralizing or adjustment of the pH value is done with di-methyl-ethanol-amine or tri-ethyl-amine.

Baking condition is about 130 °C, depending on the choice of melamine resin.

STORAGE

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

