

### TYPE

Long oil, drying alkyd resin with low viscosity

### FORM OF DELIVERY (f.o.d.)

80 % in Shellsol D 60 (80SD60)

### RESIN COMPOSITION

(approx.)

72.0 % vegetable fatty acids (as triglycerides)  
15.5 % phthalic anhydride

### PRODUCT DATA

#### Determined per batch:

#### Dynamic Viscosity DIN EN ISO 3219

dynamic viscosity	[mPa.s]	220 - 480
70 % Shellsol D 60		
(25 1/s; 23 °C)		

#### Iodine Colour Number DIN 6162

iodine colour number		< 15
50 % white spirit		

#### Acid Value DIN EN ISO 2114

acid value	[mg KOH/g]	< 10
(nfA)		

#### Non-Volatile Matter DIN 55671

non-volatile matter	[%]	78 - 82
(120 °C; 5 min)		

#### Not continually determined:

#### Non-Volatile Matter DIN EN ISO 3251

non-volatile matter	[%]	78 - 82
(1 h; 125 °C; 1 g)		

#### Density (Liquids) DIN EN ISO 2811-2

density	[g/cm³]	0,97
approx.		
(20 °C)		

#### Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point	[°C]	65
approx.		

### SPECIAL PROPERTIES AND USE

- Excellent weathering resistance and elasticity
- Good penetration into wood
- Excellent brushability and very good levelling

For siccation the following combination is recommended: 0.05 - 0.06 % cobalt, 0.12 - 0.15 % zirkonium and 0.10 - 0.15 % calcium (metal to solid resin).

To avoid skinning we recommend the addition of about 1.5 - 2.0 % Additol XL 297 (calculated on resin solids).

Vialkyd VAF 4349 is mainly used as sole binder for varnishes and wood stains.

### STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 730 days.

