

Technical Leaflet

WorléeKyd S 3001

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WorléeKyd S 3001 is a short-oil, fast drying, low viscous alkyd resin based on drying, vegetable fatty acids for the manufacture of air drying low VOC primers, one layer- and topcoats.

Technical Data:

Non-volatile content, 1h/125 °C, DIN EN ISO 3251	75% ± 1
Oil type	drying vegetable fatty acids
Oil content	approx. 30%
Acid value, on solids, DIN EN ISO 3682	max. 12
Colour, Gardner, delivery form, DIN ISO 4630	max. 10
Flow time, 20 °C, 50% in xylene / methoxy propanol (8 : 2), DIN 53211-4	20 - 35 s
Density, 23 °C, DIN EN ISO 2811-1	1.063 g/cm ³
Delivery form	75% in xylene / methoxy propanol (8 : 2)

Application and Properties:

WorléeKyd S 3001 is a high quality short-oil alkyd resin. It is used in high quality primers, one layer- and topcoats. Paints on basis WorléeKyd S 3001 show fast drying, good through drying, high hardness and good weather resistance.

Drying:

Following driers are recommended for WorléeKyd S 3001:

Cobalt-containing:

approx. 0.05 - 0.06% Co

approx. 0.1 - 0.15% Ca

approx. 0.1 - 0.15% Zr

(metal counted on solid alkyd resin)

WorléeKyd S 3001

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Cobalt-free:

a) approx. 1.50 - 2.00% WorléeAdd 2560

b) approx. 1% Nuodex Drycoat (Venator)

(each counted on solid binder)

In addition the use of secondary driers or special additives is recommended.

approx. 0.15% Ca

approx. 0.15% Zr

Shelf Life:

The storage stability of WorléeKyd S 3001 in the originally closed barrel is at a storage temperature from +5 to +25 °C six months, counted from the day of the delivery ex works.