

Technical Leaflet

WorléeKyd S 3001

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W'Kyd 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
Content of phthalic anhydride	approx. 35%
Oil type	drying vegetable fatty acids
Oil content	approx. 30%
Acid value, on solids, DIN EN ISO 3682	max. 12
Colour, Gardner, 50% in xylene/methoxy propanol (8:2), 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)

Applications and Properties:

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

Siccative Recommendation:

For the drying of W'Kyd S 3001 following standard values are proposed:

cobalt containing

approx. 0.06% Co
approx. 0.1 - 0.15% Ca
approx. 0.1 - 0.15% Zr
(metal counted on solid alkyd resin)



WorléeKyd S 3001

2

cobalt free

a) approx. 1.50 - 2.00% W'Add 2500

b) approx. 1% Nuodex Drycoat (Rockwood)

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

and approx. 1% W'Add 2600 for the improvement of the drying and especially the through drying, as well as for curing and drying stability. This addition is especially recommended for the cobalt-free drying b).