

Technical Leaflet

WorléeKyd S 6400 hv

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W´Kyd S 6400 hv is a long oil drying alkyd based on soya oil, mainly for the production of decorative finishes and general purpose exterior and interior paints.

Technical Data:

Oil content	approx. 63%
Oil type	soya oil
Content of phthalic anhydride	approx. 26%
Non volatile content, 1h/125 °C, DIN EN ISO 3251	60% ± 1
Colour, Gardner, 50% in dearomat. HC 180 - 220, DIN ISO 4630	max. 10
Acid value, on solids, DIN EN ISO 3682	max. 12
Flow time, 20 °C, 50% in dearomat. HC 180 - 220, DIN 53211-4	120 - 150 s
Delivery form	60% in dearomat. HC 180 - 220

Compatibility:

W´Kyd S 6400 hv is completely compatible with most medium and long oil alkyds and raw and polymerised oils. It is also compatible with common used maleic resins, rosin esters and phenolic modified rosin esters; not compatible with short oil alkyds. The tolerance for reactive pigments is good.

Solubility:

W´Kyd S 6400 hv is well soluble in all common solvents.

Application:

W´Kyd S 6400 hv is especially suitable for the manufacture of consumption, exterior quality house, do-it-yourself and anticorrosive paints.

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Driers:

The following driers are recommended for W'Kyd S 6400 hv :

0.04 - 0.06% Co metal

0.05 - 0.09% Zr metal

0.10 - 0.20% Ca metal
(on 100% alkyd resin)

or

5.00 - 6.50% Nuodex Combi APB (Rockwood) of drier solution on 100% alkyd resin