

Technical Leaflet

WorléeKyd S 6003 hv

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W´Kyd S 6003 hv is an isocyanate modified long oil alkyd resin.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	50% ± 1
Content of phthalic acid anhydride	approx. 18%
Oil content	approx. 59%
Oil type	soya oil fatty acid
Colour, Gardner, 40% in dearomat. HC 160 - 200, DIN ISO 4630	max. 10
Acid value, on solids, DIN EN ISO 3682	max. 5
Flow time, 20 °C, 40% in dearomat. HC 160 - 200, DIN 53211-4	30 - 40 sec.
Delivery form	50% in dearomat. HC 160 - 200

Compatibility:

W´Kyd S 6003 hv is compatible with the majority of medium and long oil types air drying alkyd resins and with nearly all maleic and phenolic modified hard resins.

Solubility:

W´Kyd S 6003 hv is soluble in all solvents.

Application and Properties:

W´Kyd S 6003 hv is mainly recommended as the only binder for high quality interior and exterior wood varnishes for floors, parquets, primers and top coats.

Due to the good compatibility with most of long oil type alkyd resins, W´Kyd S 6003 hv can also be used as a combination resin reducing the drying time and increasing the hardness and the resistance properties.

When paints or lacquers based on W´Kyd S 6003 hv are applied by conventional or airless spray, only water irrigated spraying cabinets are recommended as the spraying dust tends to self-ignition if it is dry.



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Driers:

The following driers are recommended:

0.02 - 0.05% Co

0.03 - 0.08% Zr

0.10 - 0.20% Ca calculated on solid alkyd resin

or 4 - 5% Nuodex Combi APB (Rockwood) of the solution on solid alkyd resin.