

Technical Leaflet

WorléeKyd S 351

Art.-No. 111010-00721

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W´Kyd S 351 is a medium oil length, with soya oil modified air-drying alkyd resin particularly for the manufacture of fillers with structural viscosity for brushing, primer surfacers and semi-gloss and flat wall paints.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	60% ± 1
Content of phthalic anhydride	approx. 23%
Oil type	soya oil
Oil content	approx. 51%
Acid value, on solids, DIN EN ISO 3682	max. 15
Colour, Gardner, 40% in deaeromat. HC 180 - 220, DIN ISO 4630	max. 10
Flow time, 20 °C, 40% in deaeromat. HC 180 - 220, DIN 53211-4	25 - 35 s
Delivery form	60% in deaeromatized HC 180 - 220

Compatibility:

W´Kyd S 351 is completely compatible with most air-drying medium and long oil alkyd resins, with maleic resins and phenolic modified rosins, with raw oils and chlorinated rubber. W´Kyd S 351 is partially compatible with low viscous stand oils.

Solubility:

W´Kyd S 351 is well soluble in all solvents with the exception of low alcohols.

Application and Properties:

W´Kyd S 351 is especially recommended for primers with very good flow properties and excellent brushability. Also at high p.v.c. good film flow is obtained. Although the drying is quick, the film remains open long enough for painting large surfaces. Sanding is possible after approx. 20 hours drying time. The addition of thixotropic agents or the combination with thixotropic alkyd resins (e.g. W´Thix V 727) makes the production of flat wall paints with excellent brushability and no tendency to sagging and dripping from the brush possible.

W´Kyd S 351 is also well suited for use in flat and semi-gloss interior paints with good yellowing resistance and brushability; for primed and porous substrates.



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By the addition of small amounts matting agent even flat and semi-gloss paints can be achieved.

Ready made paints with W´Kyd S 351 has no tendency to sinkage on porous substrates.

Driers:

Following driers are recommended for W´Kyd S 351:

0.04 - 0.06% Co

0.05 - 0.09% Zr

0.10 - 0.20% Ca

(metal calculated on solid alkyd resin)

or

5.00 - 6.50% Nuodex Combi APB (Rockwood) of solution on solid alkyd resin.