

Technical Leaflet

WorléeKyd E 55

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WorléeKyd E 55 is a long oil low viscosity alkyd resin based on drying vegetable fatty acids.

Technical Data:

Non-volatile content, 1h/125 °C, DIN EN ISO 3251	70% ± 1
Oil type	special fatty acid, urethane modified
Oil content	approx. 63%
Active substance	100%
Acid value, on solids, DIN EN ISO 2114	max. 10
Colour, Gardner, 55% in dearomat. HC 160 - 200, DIN ISO 4630	max. 10
Flow time, 20 °C, 55% in dearomat. HC 160 – 200, DIN EN ISO 2431	50 - 80 s
Delivery form	70% in dearomat. HC 160 - 200

Application and Properties:

WorléeKyd E 55 is suitable as a sole binder and especially in combination with medium oil alkyd resins for the manufacture of high quality industrial coatings like car repair, machine and agricultural implement paints.

Compatibility:

WorléeKyd E 55 is compatible with the majority of medium and long oil alkyd resins. It is also compatible with most maleic and phenolic modified hard resins.

Solubility:

WorléeKyd E 55 is soluble in all usual solvents.

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Drying:

Following driers are recommended for WorléeKyd E 55:

0.04 - 0.06% Co

0.05 - 0.09% Zr

0.10 - 0.20% Ca

(metal calculated on solid alkyd resin)

Shelf Life:

The storage stability of WorléeKyd E 55 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.