

## Technical Leaflet

# WorléeKyd LH 3702

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WorléeKyd LH 3702 is a short oil, fast drying alkyd resin based on drying, vegetable fatty acids for the manufacture of air drying base and top coats with low aromatic content.

### Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	50% ± 1
Content of phthalic anhydride	approx. 25%
Content of hard resin	approx. 23%
Oil type	linseed oil / wood oil
Oil content	38%
Acid value, on solids, DIN EN ISO 2114	max. 20
Colour, Gardner, 40% in dearomat. HC 160-200, DIN ISO 4630	max. 10
Viscosity, Rheometer, 20 °C, C 35/1°, 100 s <sup>-1</sup>	9,000 - 13,500 mPa·s
<b>Delivery form</b>	50% in dearomat. HC 160-200

### Application and Properties:

WorléeKyd LH 3702 is especially suitable for the manufacture of dearomatized fast drying anti corrosion primers and industrial paints. Anti corrosion primers based on WorléeKyd LH 3702 show especially good drying properties and corrosion resistance.

### Compatibility:

WorléeKyd LH 3702 is compatible with short oil and some medium oil alkyd resins. Furthermore WorléeKyd LH 3702 is compatible with the usual maleic and phenolic modified hard resins.

### Solubility:

WorléeKyd LH 3702 is soluble in aliphatic and aromatic hydrocarbons, esters, ketones, glycol ethers and isoparaffines.

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**Drying:**

Following driers are recommended for WorléeKyd LH 3702:

0.01 - 0.05% Co

0.04 - 0.06% Zr

0.08 - 0.20% Ca

(metal calculated on solid alkyd resin)

**Shelf Life:**

The storage stability of WorléeKyd LH 3702 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.