

Technical Leaflet

WorléeKyd MH 38

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WorléeKyd MH 38 is a short oil very quick drying alkyd resin based on special vegetable fatty acids modified with tung oil for the manufacture of air-drying and stoving primers and finishes.

Technische Daten:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	60% ± 1
Phthalic anhydride content	approx. 38%
Oil content	approx. 39%
Hydroxyl value, on solids, DIN EN ISO 4629	approx. 40
Acid value, on solids, DIN EN ISO 2114	max. 25
Colour, Gardner, 50% in xylene, DIN ISO 4630	max. 15
Flow time, 20 °C, 50% in xylene, DIN EN ISO 2431	140 - 170 s
Delivery form	60% in xylene

Compatibility:

WorléeKyd MH 38 is compatible with most short and some medium oil length alkyd resins. Also with the usual maleic and phenolic modified hard resins it is compatible.

Solubility:

WorléeKyd MH 38 is soluble in all usual solvents.

Application and Properties:

WorléeKyd MH 38 is mainly used for quick drying primers and top coats with good elasticity.

Anticorrosive primers based on WorléeKyd MH 38 are quick drying and have very good elasticity and anticorrosive properties.

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Driers:

Following driers are recommended for WorléeKyd MH 38:

0.03 - 0.05% Co

0.20 - 0.25% Ca

(metal calculated on solid alkyd resin)

The use of Zirconium driers may lead to gelling.

Shelf Life:

The storage stability of WorléeKyd MH 38 in the originally closed barrel is at a storage temperature from +5 to +25 °C twelve months, counted from the day of the delivery ex works.