

Technical Leaflet

WorléeKyd B 870

Art.-No. 111020-00388

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WorléeKyd B 870 is a long oil low-viscosity drying alkyd based on vegetable fatty acids for high quality air drying gloss paints.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	75% ± 1
Oil type	vegetable fatty acids
Oil content	approx. 69%
Acid value, on solids, DIN EN ISO 2114	max. 15
Colour, Gardner, delivery form, DIN ISO 4630	max. 10
Viscosity, Rheometer, 20 °C, C 35/1°, 250 s ⁻¹	5,000 - 7,000 mPa·s
Delivery form	75% in deaomat. HC 180-220

Application and Properties:

WorléeKyd B 870 is especially developed for high quality non-yellowing gloss paints, such as all sorts of decorative and trade sales paints.

Due to the low viscosity and very good pigment wetting properties, the gloss paints based on WorléeKyd B 870 have excellent brushability, high film build, very good levelling properties and high gloss and gloss retention.

Compatibility:

WorléeKyd B 870 is compatible with most medium and long oil drying alkyds, with most usual hard resins and also with raw and polymerised oils.

Solubility:

WorléeKyd B 870 is soluble in all common solvents.

Drying:

Following driers are recommended for WorléeKyd B 870:

WorléeKyd B 870

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a) cobalt-containing:

0.03 - 0.06% Co metal

0.04 - 0.09% Zr metal

0.15 - 0.20% Ca metal

(calculated on solid alkyd resin)

b) cobalt-free:

approx. 1% Nuodex Drycoat (Venator)

0.10 - 0.15% Zr metal

0.10 - 0.15% Ca metal

(calculated on solid alkyd resin)

c) cobalt-free:

approx. 1 % Additol CF 100 (Allnex)

0.10 - 0.15% Zr metal

0.10 - 0.15% Ca metal

(calculated on solid alkyd resin)

d) cobalt-free:

1.00 - 2.00% Borch Dragon (Borchers)

0.10 - 0.15% Zr metal

0.10 - 0.15% Ca metal

(calculated on solid alkyd resin)

Shelf Life:

The storage stability of WorléeKyd B 870 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.