

## Technical Leaflet

# WorléeKyd B 870

Art.-No. 111020-02220

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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,<br>DIN EN ISO 3251                    | 75% ± 2                       |
| Oil type   | vegetable fatty acids         |
| Oil content  | approx. 69%                   |
| Acid value, on solids, DIN EN ISO 2114                                 | max. 15                       |
| Colour, Gardner,<br>60% in dearomat. HC 160 - 200,<br>DIN ISO 4630     | max. 10                       |
| Flow time, 20 °C,<br>60% in dearomat. HC 160 - 200,<br>DIN EN ISO 2431 | 60 - 80 s                     |
| <b>Delivery form</b>   | 75% in dearomat. HC 160 - 200 |

### 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.