

Technical Leaflet

WorléeKyd B 865 U

Art.-No. 111021-00568

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WorléeKyd B 865 U is an isocyanate modified long oil type alkyd resin.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	55% ± 1
Content of phthalic anhydride	approx. 16%
Oil type	vegetable fatty acids
Oil content	approx. 62%
Acid value, on solids, DIN EN ISO 2114	max. 10
Colour, Gardner, 50% in dearomat. HC 180-220, DIN ISO 4630	max. 10
Flow time, 20 °C, 50% in dearomat. HC 180-220, DIN EN ISO 2431	80 - 100 s
Delivery form	55% in dearomat. HC 180-220

Application and Properties:

WorléeKyd B 865 U is mainly recommended as the only binder or in combination with long oil alkyd resins for wood varnishes, parquet sealers, primers, undercoat lacquers and fast drying top coats.

When paints or lacquers based on WorléeKyd B 865 U are applied by conventional or airless spray, only water irrigated spraying cabinets are recommended as the spraying dust tends to self-ignition if it is dry.

Compatibility:

WorléeKyd B 865 U is compatible with the majority of medium and long-oil, air drying alkyd resins and with nearly all maleic and phenolic modified hard resins.

Solubility:

WorléeKyd B 865 U is soluble in all usual solvents.

Drying:

Following driers are recommended for WorléeKyd B 865 U:

WorléeKyd B 865 U
Cobalt-containing:

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0.02 - 0.05% Co
0.03 - 0.08% Zr
0.10 - 0.20% Ca
(metal calculated on solid alkyd resin)

Cobalt-free:

1% Nuodex Drycoat (Venator)

and in addition:

0.10 - 0.20% Ca
0.10 - 0.15% Zr
(Metal on solid binder)

Shelf Life:

The storage stability of WorléeKyd B 865 U 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.