

Technical Leaflet

WorléeSol E 150 W

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WorléeSol E 150 W is a medium oil PU alkyd emulsion for the manufacture of air drying water thinnable paint systems.

Technical Data:

Non-volatile content, 1h/125 °C, DIN EN ISO 3251	40% ± 2
Oil content	approx. 44%
Acid value, on solids, DIN EN ISO 2114	max. 30
Viscosity, Rheometer, 20 °C, C 60/2°, 5 s ⁻¹	max. 1,500 mPa·s
pH-value, DIN ISO 976	6.8 - 7.8
Delivery form	40% in water

Application and Properties:

WorléeSol E 150 W is mainly suitable for the manufacture of fast air and forced drying systems. Top coats with high gloss, excellent hardness and very good water resistance can be formulated. Furthermore a good outdoor resistance should be mentioned.

Paints based on WorléeSol E 150 W show good gloss stability after storage.

Further application fields for WorléeSol E 150 W are air drying decorative, house and DIY-paints as well as wood protective glazings.

WorléeSol E 150 W shows good compatibility with many water thinnable alkyd resins and acrylic dispersions. Of course, a thorough compatibility test should be done.

Drier recommendation: 0 - 0.1% Co (metal on solid binder).

Sustainability

The bio-based amount is approx 37% on the binder solids content.

Recommended Storage and Transport Conditions:

Protect from freeze and avoid direct sunlight.

Shelf Life:

The storage stability of WorléeSol E 150 W 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.