

Technical Leaflet

WorléeDur D 6311

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W´Dur D 6311 is an air drying long oil, modified epoxy ester for the manufacture of special anticorrosion and adhesion primers.

Technical Data:

Appearance	clear to light opal
Non volatile content, 1h/125 °C, DIN EN ISO 3251	60% ± 1
Acid value, on solids, DIN EN ISO 3682	max. 2
Colour, Gardner, delivery form, DIN ISO 4630	max. 10
Density, 20 °C, DIN EN ISO 2811-1	approx. 0.89 g/cm ³
Viscosity, delivery form, 20 °C, ball 5, DIN 53015	3,000 - 4,000 mPa·s
Delivery form	60% in deaomat. HC 140 - 165

Compatibility:

W´Dur D 6311 should not be combined with other binders. Adhesion properties could become worse.

Solubility:

W´Dur D 6311 is soluble in all usual solvents. Special remark: good solubility in deaomatized hydrocarbons and isoparaffines.

Application and Properties:

W´Dur D 6311 is especially suitable for the manufacture of universal primers, adhesion and anticorrosive primers. Primers based on W´Dur D 6311 show good application properties (brush application), good flow and good adhesion properties.

When formulating primers an optimal pigment-filler package should be observed.

W´Dur D 6311 is solved in a deaomatized solvent. In case of further dilution with aromatic free solvents like isoparaffines or deaomatized hydrocarbons low odour paint systems can be produced.



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2

Driers:

Following driers are recommended for W'Dur D 6311:

0.01 - 0.03% Co

0.08 - 0.15% Ca

(metal calculated on solid resin)