

## Technical Leaflet

# WorléeSol 84 C

Art.-No. 111050-00658

Revision: 21.03.2018

W'Sol 84 C is a short oil, water thinnable alkyd resin for stoving systems.

### Technical Data:

Oil content	approx. 30%
Oil type	special fatty acids
Non volatile content, 1h/125 °C, DIN EN ISO 3251	44% ± 1
Neutralizer	dimethyl ethanolamine 1.5 - 2.0%
Viscosity Rheometer, 20 °C, C 60/2°, 30 s <sup>-1</sup>	1,000 - 20,000 mPa·s
Density, 20 °C, DIN EN ISO 2811-1	approx. 1.06 g/cm <sup>3</sup>
pH value, DIN ISO 976	6.7 - 8.5
Appearance	clear - opaque
Colour, Gardner, DIN ISO 4630	max. 10
Cosolvent content	2.0%
<b>Delivery form</b>	44% in water / butyl glycol

### Application and Properties:

W'Sol 84 C has been developed for the manufacture of water thinnable stoving systems like primers, clear and top coats. The delivery form, 2% cosolvents, allows formulations with a total solvent content < 2%. As reactive partners for the curing range 140-180 °C methylated melamine resins like Cymel 303 (Cyanamid) and Maprenal MF 904 (BASF) have proved to be suitable. By the use of reactive melamin resins like Cymel 327 (curing temperature 120 - 140°C) the addition of approx. 3 % butyl glycol is necessary to get a better storage stability.

### Recommended Storage and Transport Conditions:

5 to 25 °C

Protect from freeze and avoid from direct sunlight.

### Alternative Products:

W'Sol 85A, 43% in water / butyl glycol is more reactive than W'Sol 84 C. The butyl glycol content is 5.5%.