

Technical Leaflet

WorléeSol 30, 100 %

Art.-No. 111055-00629

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W´Sol 30 is a chemically modified, very low viscous linseed oil polymer.

Technical Data::

Non volatile content, 1h/125 °C, DIN EN ISO 3251	100%
Appearance	slightly turbid to clear solution
Flow time, 20 °C, 85% in butyl glycol, DIN 53211-4	50 - 100 s
Acid value, on solids, DIN EN ISO 3251	max. 20
pH value, 40% solution in water, DIN ISO 976	4 - 5
Colour, Gardner, 85% in butyl glycol, DIN ISO 4630	max. 15
Density, 20 °C, DIN EN ISO 2811-1	approx. 1.02 g/cm ³
Delivery form	100%

Application and Properties:

Due to the main characteristics of W´Sol 30, 100% like solubility with water - only given if 10-15% co-solvent (calculated on solids) are added - and solvents (e.g. white spirit), high and easy pigmentation, freeze/thaw stability and high gloss there are many interesting application fields, like e.g.

- printing inks
- additive for dispersion systems
- pigment preparations or tinting colours
- artists' paints
- temporary anticorrosive paints

and also in fields where the approved qualities of linseed oil products are required.



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Driers:

We recommend the addition of the following driers:

0.06% cobalt
0.02% manganese
0.50% lead

Metal calculated on W´Sol 30 solids.

Cobalt drier acts more as a through drier in W´Sol 30 systems and relatively high levels are recommended. Small amounts of manganese stabilize the drying. Lead drier and/or lead pigments improve the through cure particularly at lower temperature. The driers should be incorporated into the W´Sol 30 before reduction with water. A convenient method is to mix the driers into a portion of W´Sol 30 before thinning with water.

Recommended Storage and Transport Conditions:

Up to 25 °C.
Avoid direct sunlight.