Technical Leaflet

WorléeThix S 6358

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W´Thix S 6358 is a long oil thixotropic alkyd resin. By addition of polar solvents and heat the soft gel structure is not totally degradable.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	50% ± 2
Content of phthalic anhydride	approx. 24%
Oil type	soya oil
Oil content	approx. 64%
Acid value, on solids, DIN EN ISO 3682	max. 15
Colour, Gardner, delivery form, DIN ISO 4630	max. 6
Viscosity, 20 °C	soft gel, pumpable
Delivery form	50% in dearomat. HC 180 - 220

Compatibility:

W´Thix S 6358 is completely compatible with most medium and long oil alkyds. It is also compatible with common used maleic resins, rosin esters and phenolic modified rosin esters; not compatible with short oil alkyds.

Solubility:

W´Thix S 6358 is soluble in all usual solvents.

Application and Properties:

W´Thix S 6358 is a long oil thixotropic alkyd resin for the manufacture of anticorrosive primers, decorative and building paints as well as wood glazings.

Under suitable storage conditions W´Thix S 6358 can be pumpable.

W´Thix S 6358 needs a content of polar substances for the construction of the full rheological properties. Polar solvents should not be added until after the dispersing phase.

Recommended Storage- and Transport Conditions:

Avoid direct sunlight, do not store above 30 °C

Driers:

Following driers are recommended for W´Thix S 6358:

0.04 - 0.06% Co
0.05 - 0.09% Zr
0.10 - 0.20% Ca

(metal calculated on solid alkyd resin)