

Technical Leaflet

WorléeThix S 6357

Art.-No. 111031-07373

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W'Thix S 6357 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 3682	40% ± 2
Phthalic anhydride content	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	thixotropic, soft gel
Delivery form	approx. 40% in deaomat. HC 180 - 220

Compatibility:

W'Thix S 6357 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 6357 is soluble in all usual solvents.

Application and Properties:

W'Thix S 6357 is especially suitable for the manufacture of anticorrosive primers, decorative and building paints as well as thick layer wood glazings.

W'Thix S 6357 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.

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Driers:

Following driers are recommended for W`Thix S 6357:

Cobalt-containing:

0.04 - 0.06% Co

0.05 - 0.09% Zr

0.10 - 0.20% Ca

(metal calculated on solid alkyd resin)

Cobalt-free:

approx. 1% Nuodex Drycoat (Rockwood)
(on solid binder)

and in addition:

0.10 - 0.30% Ca

0.10 - 0.15% Zr

(Metal on solid binder)