

Technical Leaflet

WorléeThix V 727

Art.- No. 111030-00454

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W'Thix V 727 is a long oil alkyd with a soft thixotropic gel structure, mainly for the manufacture of gloss, semi-gloss and mat wall paints, wood stains, anti corrosive paints and primers with excellent flow properties and brushability.

Technical Data:

Oil type	special vegetable fatty acids
Oil content	approx. 63%
Phthalic anhydride content	approx. 23%
Acid value, DIN EN ISO 3682	max. 15
Colour, Gardner, 52% in ws 180 - 210, DIN ISO 4630	max. 10
Viscosity, Rheometer, 20 °C, C 35/1°, 391 s ⁻¹	3,000 - 4,000 mPa·s
Delivery form	52% ± 2 in ws 180 - 210

Compatibility:

W'Thix V 727 is compatible with most medium and long oil air drying alkyd resins. It is also compatible with maleic and phenolic modified hard resins.

Solubility:

W'Thix V 727 is well soluble in all mainly used solvents.

Application and Properties:

W'Thix V 727 is especially suitable in primers, mat wall paints, thick coat anti corrosive systems and high quality gloss and silk gloss paints. These systems show especially good application properties while spraying, rolling and brushing. W'Thix V 727 reduces sagging from vertical surfaces. W'Thix V 727 can be combined with other alkyd resins like e.g.

- WorléeKyd S 351 (for semi-gloss paints)
- WorléeKyd B 865 (thick coat anti corrosive systems)
- WorléeKyd B 870 (for glossy decorative paints) and more

The use of strong polar additives and polar solvents should be avoided.
The thixotropy of W'Thix V 727 is reduced by polar compounds.

When selecting matting agents, it should be observed that no too strong polar treated matting agents should be used.

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Driers:

Following driers are recommended for W'Thix V 727:

0.10 - 0.20% Ca

0.05 - 0.07% Co

(metal calculated on solid alkyd resin)