

Technical Leaflet

WorléeThix MH 439

Art.-No. 111031-00477

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W´Thix MH 439 is a short oil, thixotropic alkyd resin based on special fatty acids. The gel structure is temperature and polar solvents stable.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	60% ± 2
Content of phthalic anhydride	approx. 32%
Oil type	special fatty acids
Oil content	approx. 39%
Acid value, on solids, DIN EN ISO 3682	max. 25
Colour, Gardner, 50% in xylene, DIN ISO 4630	max. 10
Resin content	approx. 7%
Viscosity, 20 °C	strong gel
Delivery form	60% in xylene

Compatibility:

W´Thix MH 439 is compatible with short oil and some medium oil alkyd resins. Also with some physically drying binders like vinyl-mixed polymerisates (e.g. Laroflex, BASF), chlorinated polypropylenes and chlorinated rubber (e.g. Pergut, Bayer)

Solubility:

W´Thix MH 439 is soluble in aromatic hydrocarbons, esters, ketones and glycol ethers, it is partially soluble in white spirit.

Application and Properties:

W´Thix MH 439 is an excellent thixotropic binder for fast drying and not sagging industrial primers and top coats. W´Thix MH 439 is used for the production of thixotropic primers, top coats, hammer finish and other structured paints. By using W´Thix MH 439 very good stability on vertical surfaces is achieved. The use of anti settling or gelling agents is not necessary.

Based on W´Thix MH 439 in combination with reactive urea or melamine resins fast curing stoving systems (primers, top coats and structured paints) with stable rheology properties can be produced.



WorléeThix MH 439

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Recommended Storage- and Transport Conditions:

Avoid direct sunlight, do not store above 30 °C.

Driers:

Following driers are recommended for W`Thix MH 439:

0.02 - 0.05% Co

0.05 - 0.08% Zr

0.10 - 0.30% Ca

(metal calculated on solid alkyd resin)