

Technical Leaflet

WorléeKyd MH 439

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W´Kyd MH 439 is a short oil, fast drying alkyd resin based on special fatty acids for the production of air and forced drying primers and top coats, also for low aromatic containing paints.

Technical Data:

Content of phthalic anhydride	approx. 32%
Oil content	approx. 39%
Oil type	special fatty acids
Content of hard resin	approx. 7%
Colour, Gardner 50% in xylene, DIN ISO 4630	max. 10
Acid value, on solids, DIN EN ISO 3682	max. 25
Flow time, 20 °C, 50% in ws /Solvenon PM, DIN 53211-4	140 - 170 s
Delivery form	60% in white spirit 135 - 175 / Solvenon PM

Compatibility:

W´Kyd MH 439 is compatible with most short oil and medium oil length alkyd resins. It is also compatible with some physical drying binders like vinyl mix polymerisates (e.g. Laroflex from BASF) and chlorinated rubber (e.g. Pergut from Bayer).

Solubility:

W´Kyd MH 439 is well soluble in aromatics, esters, ketones and glycol ether esters. In white spirit W´Kyd MH 439 is partially soluble.

Application and Properties:

W´Kyd MH 439 has mainly been developed for good drying and flexible primers and top coats.

The main properties are good substrate and intercoat adhesion, also after a longer salt spray test.

Due to the very good compatibility with physical drying binders, W´Kyd MH 439 can also be used for fast drying and high resistant industrial enamels.

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Drying:

The following addition of driers is recommended:

0.06% Ca metal
0.07% Co metal
0.60% Pb metal
calculated on 100% alkyd resin