

Technical Leaflet

WorléeKyd MH 439

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WorléeKyd 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, DIN EN ISO 2114	max. 25
Viscosity, 20 °C, 50% in xylene, DIN EN ISO 2431	100 - 130 s
Delivery form	60% in xylene

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 Covestro).

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 primers and top coats.

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.

Drying:

The following addition of driers is recommended:

WorléeKyd MH 439

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0.04 - 0.06% Co metal
0.05 - 0.10% Zr metal
0.20 - 0.25% Ca metal
calculated on 100% alkyd resin

Shelf Life:

The storage stability of WorléeKyd MH 439 in the originally closed barrel is at a storage temperature from +5 to +25 °C seven months, counted from the day of the delivery ex works.