

## Technical Leaflet

# WorléeKyd RM 232

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WorléeKyd RM 232 is a short-oil alkyd resin based on conjugated castor oil and special fatty acids. Main use is the manufacture of air- and forced drying primers and top coats. Also for acid curing systems WorléeKyd RM 232 can be used.

### Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	60% ± 1
Content of phthalic anhydride	approx. 37%
Oil content	approx. 32%
Acid value, on solids, DIN EN ISO 3682	max. 15
Colour, Gardner, 50% in xylene, DIN ISO 4630	max. 10
Flow time, 20 °C, 50% in xylene, DIN 53211-4	100 - 120 s
<b>Delivery form</b>	60% in xylene

### Application and Properties:

WorléeKyd RM 232 is used in conjunction with reactive unmodified urea and/or melamine resins to manufacture stoving primers, fillers and top coats.

The recommended ratio for combinations with non-plasticized urea resins is optimal between 6:4 and 7:3 and with melamine resins between 7:3 and 8:2, calculated on solids content.

To achieve sufficient varnish stability, it is advisable to use a sufficient quantity of alcohols.

Recommended stoving conditions are:

30 min - 130 °C to 10 min - 160 °C

WorléeKyd RM 232 shows also good air-drying properties. Corresponding anti corrosive primers and top coats based on WorléeKyd RM 232 have good adhesion, elasticity and resistance properties. Short-oil alkyd resins, tending to brittleness become more flexible by the combination with WorléeKyd RM 232.

A further application field for WorléeKyd RM 232 are acid curing paints. The optimal ratio alkyd / amino resins is between 6:3 and 6:4. In such systems, WorléeKyd RM 232 achieves a medium reactivity.

WorléeKyd RM 232

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**Compatibility:**

WorléeKyd RM 232 is completely compatible with most short-oil alkyds, unmodified urea formaldehyde and melamine resins and nitrocellulose. Due to the numerous products being on the market, we recommend trials in advance.

**Solubility:**

WorléeKyd RM 232 is completely soluble in aromatics, glycol ethers, esters and ketones, partially soluble in low alcohols and aliphatics.

**Shelf Life:**

The storage stability of WorléeKyd RM 232 in the originally closed barrel is at a storage temperature from +5 to +25 °C six months, counted from the day of the delivery ex works.