



**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
Delivery form	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.

The above declarations serve for information purposes only. In particular, they shall not be relevant to define binding specifications for any orders. With respect to any order, the specifications shall be governed by the provisions of the sales contract to be concluded between the parties (e.g. the "product specification"). Any deliveries are exclusively subject to our general standard terms and conditions in their respectively valid version. We will be happy to provide you with the general standard terms and conditions upon your request and





WorléeKyd RM 232

## 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.

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