

Technical Leaflet

WorléeCryl A 5125 W MF

Art. No. 212052-22311

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WorléeCryl A 5125 W MF is a hydroxy functional aqueous acrylic resin.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	42% ± 2
Viscosity, Rheometer, 20 °C, C 60/2°, 5 s ⁻¹	max. 2,000 mPa∙s
Hydroxyl content, on solids	approx. 2.5%
pH - value, DIN ISO 976	7 - 9
Emulsifying system	anionic
Delivery form	42% in water

Application and Properties:

WorléeCryl A 5125 W MF is a water emulsified hydroxyacrylate for the production of isocyanate cross-linked two component top coats which exhibit long pot-life and good adhesion properties. The binder is formulated without organic solvents.

The product enables the formulation of glossy coatings with a high layer thickness.

Compatibilities:

Easaqua L 600 (Vencorex)

Crosslinking:

The necessary equivalent quantity of polyisocyanates to be added can be calculated according to the following formula:

Quantity polyisocyanate = $\frac{42 \times \% \text{ OH}}{17 \times \% \text{ NCO}} \times 100$

(42 = molecular weight of NCO-group) (17 = molecular weight of OH-group)

A dilution of the hardener with solvent before processing is possible.

At aqueous two component lacquers should be worked with a surplus of 20 - 30%.



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Storage:

Protect from freeze!

Shelf Life:

The storage stability of WorléeCryl A 5125 W MF 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.

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