

## Technical Leaflet

# WorléeCryl A 5125 W MF

Art. No. 212052-22311

Revision: 17.10.2019

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

### Technical Data:

|   |                  |
|---|------------------|
| Non volatile content, 1h/125 °C,<br>DIN EN ISO 3251     | 42% ± 2          |
| Viscosity, Rheometer, 20 °C, C 60/2°, 5 s <sup>-1</sup> | max. 2,000 mPa·s |
| Hydroxyl content, on solids                             | approx. 2.5%     |
| pH - value, DIN ISO 976                                 | 7 - 9            |
| Emulsifying system                                      | anionic          |
| <b>Delivery form</b>                                    | 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:

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

(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%.

WorléeCryl A 5125 W MF

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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.