

## Technical Leaflet

# WorléeCryl A 2241 W

Art.-No. 112050-11497

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W`Cryl A 2241 W is a hydroxy functional aqueous acrylic resin.

### Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	45% ± 2
Viscosity, Brookfield, 20 °C, spindle 4/5 rpm, DIN EN ISO 2555	max. 25,000 mPa·s
Hydroxyl content, on solids	approx. 4.1%
pH - value, DIN ISO 976	7 - 9
Acid value, on solids, DIN EN ISO 3682	< 35
Neutralisation	approx. 1.5% dimethyl ethanol amine
<b>Delivery form</b>	45% in water : butyl glycol : aromat. HC 155 - 180, org. solvent = 7.5%

### Application and Properties:

W`Cryl A 2241 W is a water emulsified hydroxyacrylate for the production of isocyanate cross-linked outdoor resistant two component top coats which exhibit long pot-life, high gloss and good adhesion properties.

The isocyanate should be diluted with a solvent before mixing.

### Compatibilities:

Easaqua WT 2102 (Vencorex)	+
Bayhydur 3100 (Bayer)	+

### 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)



WorléeCryl A 2241 W

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

**Storage Stability:**

A storage temperature of + 5 to + 25 °C is recommended as W´Cryl A 2241 W is an aqueous binder. Protect from freeze!