

Technical Leaflet

WorléeCryl A 2241 W

Art.-No. 112050-11497

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WorléeCryl A 2241 W is a hydroxy functional aqueous acrylic resin.

Technical Data:

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|---|--|
| Non-volatile content, 1h/125 °C, DIN EN ISO 3251 | 45% ± 2 |
| Acid value, on solids, DIN EN ISO 3682 | max. 35 |
| Viscosity, Rheometer, 20 °C, C 60/2°, 5 s ⁻¹ | max. 10,000 mPa·s |
| Hydroxyl content, on solids | approx. 4.1% |
| pH-value, DIN ISO 976 | 7 - 9 |
| Neutralization | approx. 1.5% dimethyl ethanol amine |
| Delivery form | 45% in water : butyl glycol : aromat. HC 155-180, org. solvent = 7.5% |

Application and Properties:

WorléeCryl 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.

Compatibility:

Easaqua L 600 +
Bayhydur XP 2655 +

Cross-linking:

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

$$\text{Polyisocyanate quantity} = \frac{42 \times \% \text{ OH}}{17 \times \% \text{ NCO}} \times 100$$

(42 = molecular weight of NCO-group)

(17 = molecular weight of OH-group)

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

WorléeCryl A 2241 W

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Recommended Storage and Transport Conditions:

Protect from freezing.

Shelf Life:

The storage stability of WorléeCryl A 2241 W 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.