

Preliminary Technical Leaflet

WorléeCryl A 5125 W (VP-T 2299/01)

Art. No. 212052-18832

Revision: 31.01.2017

W'Cryl A 5125 W 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:

W'Cryl A 5125 W 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

2

Storage Stability:

A storage temperature of + 5 to + 25 °C is recommended as W'Cryl A 5125 W is an aqueous binder. Protect from freeze!

The product described in this preliminary technical data sheet is a trial product which has not yet been industrially manufactured. Worlée-Chemie GmbH has not yet been able to monitor performance over a sufficiently long period and therefore cannot accept liability or provide a warranty for the product, in particular on its suitability for specific applications.