



Technical Leaflet

WorléeCryl A 2141

Art.-No. 112001-08446

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W'Cryl A 2141 is an acrylic resin which can be crosslinked with polyisocyanates.

Technical Data:

Non volatile content, 1h/125 °C, DIN EN ISO 3251	70% ± 1
Viscosity, Brookfield, 23 °C, delivery form, spindle 4/ 4 rpm, DIN EN ISO 2555	25.000 - 35.000 mPa·s
Hydroxyl value, on solids, DIN EN ISO 4629	approx. 135 mg KOH/g
Hydroxyl content, on solids	4.1%
Glass transition temperature	38 °C
Colour, Gardner, delivery form, DIN ISO 4630	max. 1
Acid value, on solids, DIN EN ISO 3682	5 - 15 mg KOH/g
Flash point, DIN EN 22719	26 °C
Delivery form	70% in butyl acetate

Application and Properties:

W Cryl A 2141 is an acrylate polymer for the production of high quality industrial paints. Such two component lacquers are high-solid systems. Even dried at room temperature you get coatings which show outstanding gloss, hardness, chemical- and weather-resistance.

Application fields for W´Cryl A 2141 are high solid paints for facade elements, caravans and plastics.

Compatibility:

+

Desmodur L	(Bayer)	+
Vestanat T 1890	(Creanova)	+
E		

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 they can be downloaded online at http://www.worlee.de/GSTC





WorléeCryl A 2141

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Dilutibility / solvent:

Benzines	-
Aromatics	+
Esters	+
Ketones	+
Glycol esters	+
Alcohols	-

Crosslinking / Catalization:

For 100% crosslinking per 100 g W Cryl A 2141, 70% is needed:

43.3 g Tolonate HDB* 75 31.0 g Tolonate HDT -LV* 55.5 g Desmodur L 59.5 g Vestanat T 1890 E

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

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)

If the crosslinking should be accelerated it is recommended to add DBTL, zinc octoate and diethylethanol amine. The shortened pot life has to be considered.

Pigmentation:

W'Cryl A 2141 is pigmentable with all neutral, non-aqueous pigments and fillers.

* Tolonate is a product of Vencorex. Distribution for Austria, Germany and Switzerland by Worlée-Chemie GmbH.*

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