

# BLENDA<sup>®</sup>-CRYL

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## PU-acrylic enamel WV-02 silky gloss

VFL  
Vismara Farbladen



### Properties

BLENDA<sup>®</sup>-CRYL is a low-pollutant, water-dilutable and low-odor polyurethane acrylic paint. A highly weatherproof and permanently elastic polymer film is formed, which neither cracks nor flakes off if the paint is applied in the right way. BLENDA<sup>®</sup>-CRYL is breathable, water and chemical resistant, combined with very high light fastness, chalking resistance and color stability. BLENDA<sup>®</sup>-CRYL shows a very high block resistance after drying in the temperature range of 20–40 °C. BLENDA<sup>®</sup>-CRYL has excellent adhesion to wood, mineral substrates and various plastics as well as to load-bearing old coatings.

### Field of application

BLENDA<sup>®</sup>-CRYL PU-acrylic enamel WV-02 silky gloss is suitable for woodwork such as shutters, facades, wood shingles, soffits, garden fences, garage doors and wood products of all kinds as well as on metals, masonry, concrete, cement fibre boards, galvanized iron and load-bearing old coatings.

### Pretreatment

The substrate must be clean and load-bearing. Sand old coats or leach with GEIGER SE-1 leachers.

### Processing

Do not apply at temperatures below 8 °C, in direct sunlight or increased air humidity.

For objects at high risk of dew with little sunlight and air circulation and in humid environments (forest, trees, hedges, water bodies), the product should be treated with a film protection finish, especially for light colours and soffits. Therefore, add GEIGER mould-stop additional concentrate to the product for the final coat or ask for appropriate factory equipment to ensure preventive protection against mould, algae and fungi.

### System structure

#### **Raw wooden substrate**

- 1 x SILAXOL wood impregnating primer KW-90
- 1 x BLENDA<sup>®</sup>-LIT acrylic primer WV-518
- 2 x BLENDA<sup>®</sup>-CRYL PU-acrylic enamel WV-02 silky gloss

#### **Concrete / masonry**

- 1 x BLENDA<sup>®</sup>-XIT deep penetrating primer WV-224
- 2 x BLENDA<sup>®</sup>-CRYL PU-acrylic enamel WV-02 silky gloss

#### **Metal**

- 1 x BLENDA<sup>®</sup>-FER rust protection primer WV-300
- 2 x BLENDA<sup>®</sup>-CRYL PU-acrylic enamel WV-02 silky gloss

#### **Renovation on intact old coats**

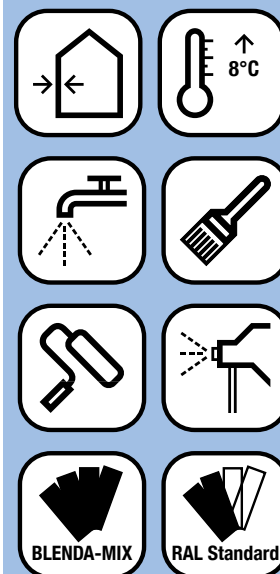
- 1 x BLENDA<sup>®</sup>-FIX 1K PU all-purpose primer WV-517
- 1–2 x BLENDA<sup>®</sup>-CRYL PU-acrylic enamel WV-02 silky gloss

### Drying

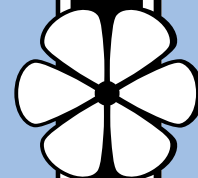
- ◆ Dust dry after 30–40 minutes
- ◆ Firm to the touch after 3–4 hours
- ◆ Can be painted over after about 6 hours  
(depending on the temperature, application quantity and humidity)

### Dilution

BLENDA<sup>®</sup>-CRYL is adjusted ready for use. If necessary, very little water can be added.



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High quality - Top finish

<b>Extensiveness</b>	7–8 m <sup>2</sup> per kg per application, depending on the quantity applied and the condition of the substrate.
<b>Application</b>	Brush, roller or spray gun. In order to achieve optimum results, it is very important to use the right tools – see KNUCHEL GUIDE on brush and roller qualities. You will find this guide both in the catalogue and on the homepage as an attachment to this product.
<b>Cleaning</b>	Clean tools with warm water immediately after use. Dried-in residues can only be removed with cleaning thinner or brush cleaner.
<b>Renovation</b>	Problem-free by painting over.
<b>Delivery form</b>	Standard colours in packages of 6 kg, 2,5 litres as well as 750ml, 375ml and 125ml. Colour shades in the COLORAMA-Mix tinting system in packages of 15, 5 and 2,5 litres as well as 1000ml and 500ml.
<b>Shelf life</b>	BLENDA <sup>®</sup> -CRYL can be stored for at least 18 months in the well closed original container. Store in a cool but frost-free place. Diluted material reduces the shelf life, depending on the degree of dilution and water quality.
<b>Viscosity</b>	Thixotrope / 3800–4400 mPa.s
<b>Density</b>	1,20 ± 0,05 g/cm <sup>3</sup> (average value, depending on the colour tone)
<b>Solid content</b>	63 ± 1 % (average value, depending on the colour tone)
<b>Binder base</b>	Stabilised pure acrylate and polyurethane resins
<b>Pigment base</b>	Titanium dioxide, inorganic and organic coloured pigments.
<b>Gloss level</b>	Silky Gloss
<b>Colours</b>	26 standard RAL colours according to Knuchel-RAL colour chart. The entire range of colours (Knuchel-Inspiration, RAL, Colortrend-E, NCS etc.) is available under the COLORAMA tinting system BLENDA-MIX.
<b>Test results</b>	BLENDA <sup>®</sup> -CRYL achieves very good adhesion in the proposed system build-up: cross-cut 0–1 (according to DIN EN ISO 2409).
<b>Registration</b>	CPID 147175
<b>Classification</b>	For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.
<b>Trademark</b>	BLENDA <sup>®</sup> is a registered trademark of Knuchel Farben AG in CH-Wiedlisbach.
<b>Note</b>	This leaflet is only intended as a reference and non-binding advice. The processing must be adapted to the corresponding conditions. In special cases we recommend to contact our technical service. However, all data and information on the suitability and application of the delivered products do not exempt the processor from carrying out his own tests and trials. A claim for damages for omitted, incomplete or incorrect information is excluded. This applies in particular also if other products are used in the paint build-up system. Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.