

# BLENDA<sup>®</sup>-LUX

Art. 276 / 1 / 1122

VFL  
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## 2K-PUR brush paint WV-276 silky gloss



### Properties

BLENDA<sup>®</sup>-LUX is a silky gloss, water-dilutable and highly durable 2-component coating based on polyacrylate using chemical crosslinking with a special aliphatic isocyanate hardener. BLENDA<sup>®</sup>-LUX has excellent adhesion properties on a wide variety of substrates and the coatings have excellent hand perspiration resistance as well as scratch and abrasion resistance. BLENDA<sup>®</sup>-LUX is economical and ecological and the coatings are extremely hard wearing, block resistant and non-yellowing. For outdoor use, a very high weather resistance as well as colour and gloss retention is achieved.

### Field of application

BLENDA<sup>®</sup>-LUX 2K-PUR brush paint WV-276 silky gloss is suitable for high-quality coatings on wood-based materials in interior construction such as doors, door frames, cabinets, panelling, etc. as well as on primed metal and plastic substrates or on all primed mineral substrates in exterior and interior areas.

### Pretreatment

The substrate must be clean, dry and free of grinding dust, oil, wax and other contaminants. It is advisable to carry out an adhesion test on uncertain surfaces, if necessary light sanding is necessary.

### Processing

Do not use below 8 °C.

The hardener is added to the product BLENDA<sup>®</sup>-LUX under careful stirring. Afterwards, it is recommended to add another approx. ½ hardener quantity of water to the varnish in order to achieve an optimal flow.

### System structure

#### **Renovation on old coatings and various plastics**

1 x BLENDA<sup>®</sup>-POX 2K epoxy all-primer WV-532 (optional) or BLENDA<sup>®</sup>-FIX 1K PU all-purpose primer WV-517

1–2 x BLENDA<sup>®</sup>-LUX 2K-PUR brush paint WV-276 silky gloss in the desired shade

#### **Metal substrates**

1 x BLENDA<sup>®</sup>-POX 2K epoxy all-primer WV-532 or BLENDA<sup>®</sup>-FIX 1K PU all-purpose primer WV-517 / BLENDA<sup>®</sup>-FER rust protection primer WV-300

1–2 x BLENDA<sup>®</sup>-LUX 2K-PUR brush paint WV-276 silky gloss in the desired shade

#### **Wood-based materials**

1 x BLENDA<sup>®</sup>-POX 2K epoxy all-primer WV-532 white or BLENDA<sup>®</sup>-FIX 1K PU all-purpose primer WV-517 / 1 x BLENDA<sup>®</sup>-LIT acrylic primer WV-518

1–2 x BLENDA<sup>®</sup>-LUX 2K-PUR brush paint WV-276 silky gloss in the desired shade

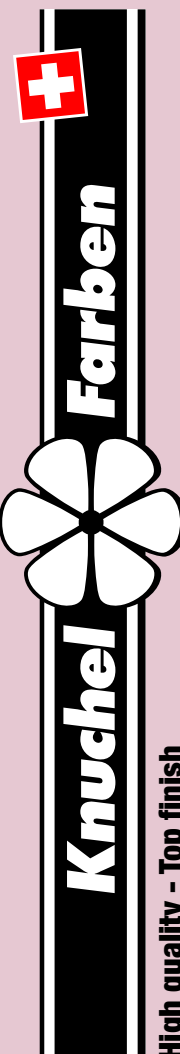
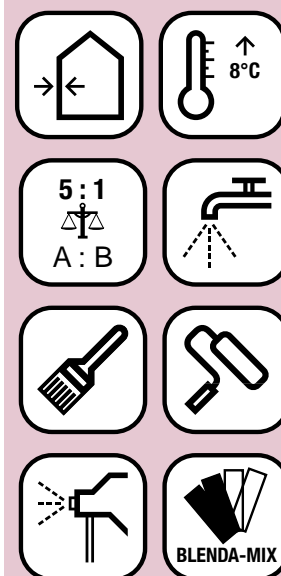
#### **Mineral undergrounds**

1 x BLENDA<sup>®</sup>-XIT bonding primer WV-210

1–2 x BLENDA<sup>®</sup>-LUX 2K-PUR brush paint WV-276 silky gloss in the desired shade

### Drying

- ◆ Dust dry after 3–4 hours
- ◆ Firm to the touch after approx. 12 hours
- ◆ Recoatable after 24 hours (roller, brush) or 3 hours (spraying)
- ◆ Fully dried after about 24 hours
- ◆ Full resistance for maximum stress after at least 7 days (depending on the temperature, application quantity, humidity and air circulation)



<b>Dilution</b>	Water. BLENDA <sup>®</sup> -LUX has a ready-to-use consistency for roll and brush application. For spray application the viscosity must be adjusted accordingly. BLENDA <sup>®</sup> -LUX is to be diluted carefully in small steps, even small amounts of water cause a high dilution effect.
<b>Extensiveness</b>	6–8 m <sup>2</sup> per kg per application, depending on the quantity applied and the condition of the substrate.
<b>Mixing ratio</b>	5 parts by weight component A and 1 part by weight component B (5 : 1).
<b>Pot life</b>	<p>After mixing the A and B components, BLENDA<sup>®</sup>-LUX can be processed for 2–3 hours at 20 °C. A higher ambient temperature can considerably shorten the pot life. Mixing units should therefore not be too large. Mixed material that becomes musty in the processing phase must not be used even with the addition of water.</p> <p>Mixed residual inks must never be stored in a closed container until they have completely hardened. The product continues to react and will put the container under pressure and may cause it to burst.</p>
<b>Application</b>	<p>Brush, roller or spray gun. Due to the rapid drying, brushes and rollers are only suitable for smaller surfaces.</p> <p>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.</p>
<b>Cleaning</b>	Clean tools immediately after use with warm water, soap and brush cleaner. Thoroughly clean skin areas that have come into contact with paint with warm soapy water.
<b>Renovation</b>	Problem-free through grinding.
<b>Delivery form</b>	Packages (including hardener) of 5 and 1 kg.
<b>Shelf life</b>	<p>Components A: BLENDA<sup>®</sup>-LUX can be stored for up to 12 months in unopened original containers. Store in a cool and dry place. Diluted material reduces the shelf life, depending on the degree of dilution and water quality.</p> <p>Components B: The hardener can be stored for at least 6 months in well-sealed original containers. Protect from light and heat. Store in a cool but frost-free place.</p>
<b>Viscosity</b>	Slightly thixotropic / 2350–2550 mPa.s
<b>Density</b>	Component A, type W: 1,31 ± 0,05 g/cm <sup>3</sup> Component A, type T: 1,20 ± 0,05 g/cm <sup>3</sup> Components B: 1,00 ± 0,05 g/cm <sup>3</sup>
<b>Solid content</b>	Component A, type W: 56 ± 1 % Component A, type T: 46 ± 1 % Components B: 65 ± 1 %
<b>Binder base</b>	Components A: Acrylic and polyurethane resin dispersion Components B: Aliphatic isocyanate (article 921 / type 1600)
<b>Pigment base</b>	Titanium dioxide, inorganic and organic coloured pigments.
<b>Gloss level</b>	Silky Gloss
<b>Colours</b>	The entire range of colours (Knuchel-Inspiration, RAL, Colortrend-E, NCS etc.) is available under the COLORAMA tinting system BLENDA-MIX.

<b>Registration</b>	Components A: CPID 608582 Components B: CPID 000000 (article 921 / type 1600)
<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>	<p>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 if hardeners and other products are used in the paint build-up system.</p> <p>Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.</p>