

BLENDA[®]-LUX

Art. 214 / 4 / 0323

VFL
Vismara Farbladen

2K-PU anti-graffiti WV-214 protective paint



Properties

BLENDA[®]-LUX is a film-forming, water-dilutable and pigmented 2-component polyurethane protective paint for exterior and interior use. BLENDA[®]-LUX forms a permanent surface film with excellent chemical and mechanical resistance and prevents spray paint, felt-tip pens and other contaminants from adhering to it. BLENDA[®]-LUX has excellent light and weather stability, prevents the penetration of water and pollutants and shows excellent resistance to diluted chemicals, detergents, hand perspiration, hydraulic oils, oils, greases, etc. BLENDA[®]-LUX coatings can be cleaned easily and repeatedly with GEIGER anti-graffiti cleaner without the need to renew the protective coating or to change the color.

Field of application

- ◆ As a dirt-resistant as well as extremely hard-wearing and scrub-resistant interior paint for highest demands.
- ◆ As a permanent protective coating for exterior and interior use against colour smears, felt tip pens, etc.

BLENDA[®]-LUX 2K-PU anti-graffiti WV-214 protective paint is suitable for all mineral surfaces such as cement-, lime- or plastic plasters, masonry, exposed concrete, gypsum, cement-fibre boards as well as wood, metal, plastic, etc. with the appropriate primer.

Pretreatment

The substrate must be clean, dry and load-bearing. Fix untreated, absorbent, chalky or sandy substrates with a deep penetrating primer for the time being. Old coatings must be cleaned (GEIGER SE-1 leachers / PUROL active cleaner concentrate) and tested for adhesion.

Processing

During application, a minimum substrate temperature of 12 °C and a maximum air humidity of 70 % Must be observed, otherwise film formation may be impaired, resulting in poor drying, reduced adhesion, reduced gloss, poor flow or poorer resistance.

When mixing the A and B components together, ensure that they are mixed particularly thoroughly (agitator).

System structure

2 x BLENDA[®]-LUX 2K-PU anti-graffiti WV-214 protective paint pigmented

Graffiti cleaning

Paint smears can be easily removed with GEIGER anti-graffiti cleaner. Spray on, leave to work for 3 to 5 minutes and dab off the dissolved graffiti with a soft cloth. Repeat the procedure if necessary. Then rinse the cleaned surface well with clear water.

Drying

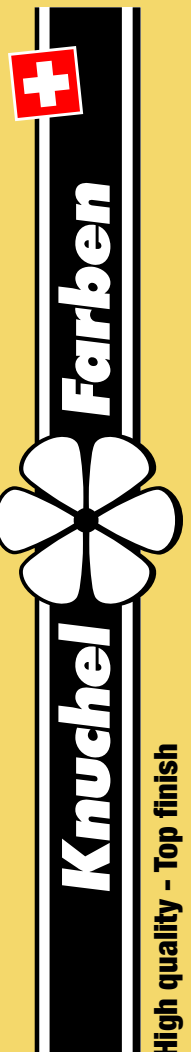
- ◆ Dust dry after about 45 minutes
- ◆ Firm to the touch and recoatable after 4–6 hours
- ◆ The second coat must be applied within 48 hours.
(depending on the temperature, application quantity, air humidity and absorbency of the substrate)

Dilution

Ready for application. If necessary, very little water can be added.

Extensiveness

2–3 m² per kg per application, depending on the quantity applied and the condition of the substrate.



Mixing ratio	10 parts by weight component A and 1 part by weight component B (10 : 1).
Pot life	<p>After mixing the A and B components, BLENDA[®]-LUX can be processed for 3–4 hours at 20 °C. Mixing units should therefore not be too large. Mixed material that becomes musty in the processing phase may no longer be used.</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>
Application	<p>Brush, roller or spray gun.</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>
Cleaning	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.
Renovation	Sand the substrate to a uniform matt finish and then recoat with BLENDA [®] -LUX. If a different topcoat is required, sand and apply an intermediate coat of BLENDA [®] -POX.
Delivery form	Packages (including hardener) of 13,2 and 6,6 kg as well as 1,32 kg.
Shelf life	<p>Components A: BLENDA[®]-LUX can be stored for up to 12 months in unopened original containers. Store in a cool but frost-free 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. Store in a cool but frost-free place.</p>
Viscosity	2000–2500 mPa.s (depending on colour)
Density	Component A, type W: 1,60 ± 0,05 g/cm ³ / Components B: 1,15 ± 0,05 g/cm ³ Component A, type T: 1,50 ± 0,05 g/cm ³
Solid content	Component A, type W: 68 ± 1 % / Components B: 100 % Component A, type T: 66 ± 1 %
Binder base	Components A: Modified acrylic-polyurethane resin copolymer dispersion Components B: Aliphatic isocyanate (article 925)
Pigment base	Titanium dioxide, inorganic and organic coloured pigments.
Gloss level	Silk matt
Colours	<p>The entire range of colours (Knuchel-Inspiration, RAL, Colortrend-E, NCS etc.) is available under the COLORAMA tinting system BLENDA-MIX.</p> <p>BLENDA[®]-LUX is not suitable as a colorless protective coating due to its slightly cloudy inherent color. For this application we recommend the product GEIGER 2K-PU anti-graffiti protective lacquer.</p>
Registration	Components A: CPID 813459 Components B: CPID 000000 (article 925)
Classification	For information on chemical properties and hazards as well as regulations regarding transport, processing, storage, disposal, etc., please refer to the safety data sheet.

Note

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.

Furthermore, we refer to our General Terms and Conditions (GTC) on our homepage.