

BLENDA[®]-DUR

Art. 213 / 4 / 0323

VFL
Vismara Farbladen

2K-PU anti-graffiti WV-213 protective lacquer



Properties

BLENDA[®]-DUR is a film-forming, water-dilutable and transparent 2-component polyurethane protective paint for exterior and interior use. BLENDA[®]-DUR 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[®]-DUR 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[®]-DUR 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[®]-DUR 2K-PU anti-graffiti WV-213 protective lacquer 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.

The hardener is added to the product BLENDA[®]-DUR 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

1–2 x BLENDA[®]-DUR 2K-PU anti-graffiti WV-213 protective lacquer colourless

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

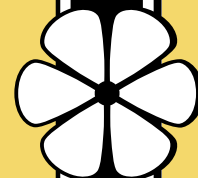
- ◆ Dust dry after 2–3 hours
- ◆ Firm to the touch and recoatable after 12–24 hours
- ◆ The second coat must be applied within 48 hours.
(depending on the temperature, application quantity, air humidity and absorbency of the substrate)

Dilution

Water. BLENDA[®]-DUR has a ready-to-use consistency for roll and brush application. For spray application the viscosity must be adjusted accordingly.



Farben



Knuchel

High quality - Top finish

BLENDA[®]-DUR

2K-PU anti-graffiti WV-213 protective lacquer

Extensiveness	7–8 m ² per kg per application, depending on the quantity applied and the condition of the substrate.
Mixing ratio	4,25 part by weight component A and 1 part by weight component B (4,25 : 1).
Pot life	<p>After mixing the A and B components, BLENDA[®]-DUR 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 [®] -DUR.
Delivery form	Packages (including hardener) of 5,25 and 1,05 kg.
Shelf life	<p>Components A: BLENDA[®]-DUR 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	Low viscosity / 530–560 mPa.s
Density	Components A: 1,00 ± 0,05 g/cm ³ / Components B: 1,06 ± 0,05 g/cm ³
Solid content	Components A: 53 ± 1 % / Components B: 65 ± 1 %
Binder base	Components A: Acrylic and polyurethane resin dispersion Components B: Aliphatic isocyanate (article 912 / type 1650)
Gloss level	Matt (3-4 % at 60° angle)
Colours	Colourless
Registration	Components A: CPID 813399 Components B: CPID 000000 (article 912 / type 1650)
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.