

BLENDA[®]-POX

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2K epoxy all-primer WV-532

VFL
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Properties

BLENDA[®]-POX is a water-dilutable and extremely adhesive and hard-wearing 2-component epoxy primer for high-quality renovation work in exterior and interior areas. It results in very resistant as well as filling and well running adhesive coatings with high resistance as well as excellent covering power and edge coverage. BLENDA[®]-POX 2K epoxy all-primer WV-532 shows excellent adhesion properties on old coatings as well as very good direct adhesion on various materials. Thanks to the use of anti-rust inhibitors, light corrosion protection on iron and steel is also guaranteed.

Field of application

- As a high-quality adhesion promoter and primer for exterior and interior use.
- Existing old coatings
 - Various metal substrates, also ferrous alloys and steel (light corrosion protection)
 - Non-ferrous and light metals such as aluminium and anodised aluminium
 - Various types of plastics such as PVC, polyester, Kelco, etc., except PP and PE
 - Ceramics and tiles
 - As a primer coat on new interior woodwork

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

System structure

1–2 x BLENDA[®]-POX 2K epoxy all-primer WV-532 in the desired shade
BLENDA[®]-POX can be painted over with all commercially available water-thinnable or solvent-containing 1- and 2-component products.

Drying

- ◆ Dust dry after 2–3 hours
- ◆ Firm to the touch after 5–8 hours
- ◆ Sandable and recoatable after 12 hours at the earliest
(depending on the temperature, application quantity, humidity and air circulation)

Dilution

BLENDA[®]-POX is adjusted ready for use. If necessary, very little water can be added.

Extensiveness

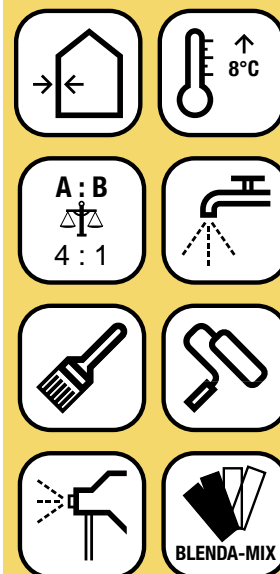
6–7 m² per kg per application, depending on the quantity applied and the condition of the substrate.

Mixing ratio

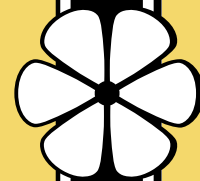
4 parts by weight component A and 1 part by weight component B (4 : 1).

Pot life

After mixing the A and B components, BLENDA[®]-POX can be processed for 2–3 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.



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High quality - Top finish

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.

Application	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.
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.
Delivery form	Packages (including hardener) of 5 and 1 kg.
Shelf life	Components A: BLENDA [®] -POX 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. Components B: The hardener can be stored for at least 12 months in well-sealed original containers. Store in a cool but frost-free place.
Viscosity	Slightly thixotropic / 2050–2350 mPa.s
Density	Component A, type W: $1,35 \pm 0,05 \text{ g/cm}^3$ Component A, type T: $1,31 \pm 0,05 \text{ g/cm}^3$ Components B: $1,00 \pm 0,05 \text{ g/cm}^3$
Solid content	Component A, type W: $54 \pm 1 \%$ Component A, type T: $52 \pm 1 \%$ Components B: $88 \pm 1 \%$
Binder base	Water emulsifiable epoxy resins and amine hardeners.
Pigment base	Titanium dioxide, rust inhibitors, active corrosion protection pigments, light metal silicates, organic and inorganic coloured pigments.
Gloss level	Matt
Colours	White (as base W) The entire range of colours (Knuchel-Inspiration, RAL, Colortrend-E, NCS etc.) is available under the COLORAMA tinting system BLENDA-MIX. Color shade mixtures with the organic orange pigment BLENDA-MIX AQ 820 should be avoided, as this pigment reacts with the epoxy resin and causes a color shade shift.
Registration	Components A: CPID 517809 Components B: CPID 277922 (article 966)
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.
Trademark	BLENDA [®] is a registered trademark of Knuchel Farben AG in CH-Wiedlisbach.

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.