

CREAPAD

PU blackboard paint

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VFL
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Properties

CREAPAD is a water-dilutable and low-odour wall panel paint based on acrylic polyurethane resin. The result is a matt, hard-wearing surface that is easy to clean from blackboard chalk. CREAPAD shows excellent processing properties such as flow, stability and filling power. The surfaces are extremely shock and impact resistant combined with a good resistance to abrasion.

Field of application

For the painting of blackboards, signboards, etc., which are to be written on with chalk pens or chalk markers. However, carbon pencils, whiteboard markers or permanent pens are not suitable.

Pretreatment

The substrate must be clean, dry and free of grinding dust, oil, wax and other contaminants. Sand old coats or leach with GEIGER SE-1 leachers. An intermediate sanding with grit 180–220 can be made.

Processing

Do not use below 8 °C. An intermediate sanding with grit 220–280 is to be carried out.

For commercial applications as well as for dark and intensive colours we recommend to add CREAPAD Hardener 10 : 1. If CREAPAD is used with the hardener additive, the hardener is to be added to the base coat while stirring carefully. Afterwards, it is recommended to add the same amount of hardener to the varnish again in order to achieve an optimal flow.

Due to the relatively short pot life, processing of the mixed material should be started immediately.

System structure

Renovation on intact old coats

1–2 x CREAPAD PU blackboard paint in the desired shade

Wood-based materials

1 x pigmented wood primer like BLENDA®-FIX or BRILANOL

1–2 x CREAPAD PU blackboard paint in the desired shade

Metal

1 x Rust protection primer like BLENDA®-FER or BRICAFER

1–2 x CREAPAD PU blackboard paint in the desired shade

Care

A basic cleaning with the Cleaning sponge article 6850 or the CREAMIND Whiteboard-Cleaner is recommended from time to time.

Drying

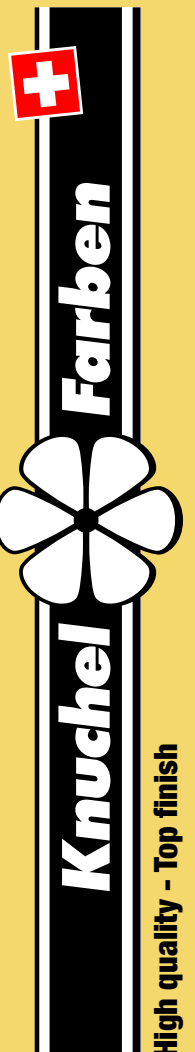
- ◆ Dust dry after about 1 hour
- ◆ Firm to the touch after approx. 3 hours
- ◆ Sandable and recoatable after approx. 12 hours
- ◆ Markable after 3–4 days
(depending on the temperature, application quantity and humidity)

Dilution

Dilute CREAPAD with 10–20 % water.

Extensiveness

6–8 m² per kg per application, depending on the quantity applied and the condition of the substrate.



Pot life	Depending on the temperature, the processing time is between 30 minutes and 2 hours. Mixed material that becomes musty in the processing phase may no longer be used.
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 with warm water immediately after use. Dried-in residues can only be removed with cleaning thinner or brush cleaner.
Delivery form	Standard colours in packages of 6 kg as well as 750ml, 375ml and 125ml. Colour shades in the COLORAMA-Mix tinting system in packages of 5 and 2,5 litres as well as 1000ml.
Shelf life	CREAPAD 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.
Viscosity	2100–2500 mPa.s (depending on colour)
Density	1,30 ± 0,05 g/cm ³ (average value, depending on the colour tone)
Solid content	50 ± 1 % (average value, depending on the colour tone)
Binder base	Components A: Modified acrylic-polyurethane resin copolymer dispersion Components B: Aliphatic isocyanate (article 922 / type 1600)
Gloss level	Matt
Colours	Black (RAL 9017) The entire range of colours (Knuchel-Inspiration, RAL, Colortrend-E, NCS etc.) is available under the COLORAMA tinting system BLENDAMIX.
Registration	Components A: CPID 605701 Components B: CPID 000000 (article 922 / type 1600)
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 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.