



BETONPROTEKT COLOR ELASTIK

Painf for concrete surfaces

- ▶ Easy for application with good adhesion on the surface
- ▶ Non-sensitive for rain water
- ▶ Enough water-vapour permeability
- ▶ Resistant to weather conditions, frost, UV resistant and physiologically harmless
- ▶ Increased carbon dioxide diffusion barrier
- ▶ Possibility of airless (machine) application with Nozzle PAA 525, diameter 0,025", 25 cm broadness of spray (150 bar)



PRODUCT DESCRIPTION

BETONPROTEKT COLOR ELASTIK is already prepared elastic, water-vapour permeable coating, which prevents carbonatation and can also be used as decorative paint. Reachable in next colors: K0168-beige, K0182-light brown, K0392-dark brown, K0402-brown, K0462-orange, K0582-brick red, K0602-brown red, K0772-liught blue, K0874-grey, K0884-dark grey, K0886-medium grey, K0888-light grey, K0902-anthracite, K0934-olive grey, K1032-green, WHITE.

FIELD OF USE Suitable for following application:

- protective coating for light - burdened concrete surfaces for indoor and outdoor use.
- excellent crack-bridging properties even at low temperatures (below 0°C)

PRODUCT PROPERTIES

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| PRODUCT DATA | | | |
|-------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------|
| BASIC INFORMATION | Appearance | Liquid | |
| | Packing | 5 kg plastic can | |
| | Storage and expiration date | 12 months form the day of the production when stored in a dry space, in original, non - open and non damaged packaging | |
| TECHNICAL DATA | Appearance | liquid | EN 1504-2:2004 |
| | Color | depends on the pigment | |
| | Density | approx.: 1,4 g/cm ³ | |
| | Ph value | approx.: 8 at 20°C | |
| | Grain size | 60 micrones | |
| | CO ₂ permeability | > 50 m | |
| | Water-vapour permeability | < = 5 m | |
| | Freeze point | 0°C | |
| | Possible load on the surface | approx.: 3 days | |
| | Class | XF3 | |
| | Fire class | E | |
| | WGK | 1 (VWVWS) | |
| | Crack-bridging | Complies with class A3 (> 0,5 mm pri -15 °C) | EN 1062-7 |

INSTRUCTIONS FOR USE

CONSUMPTION On smooth surfaces:

- as priming agent (with max.: 5 % water) already diluted approx.: 0,15 kg/m²
- As final coating (2 layers) approx.: 0,4 kg/m²

"The minimum dry film thickness to achieve, technical data sheets declared values is 170 micrometres (material usage is minimal. 560 g / m² or recommended 600 g / m²)."

BASE Surface has to be clean, solid and free of cement crust, dust, oil, greasy stains, low-binding particles and similar impurities.

MIX RATIO Up to max.: 5 % water in case of use as priming agent

MIX TOOL In order to achieve best possible results, the mixture is to be stirred with an electrical drill with suitable accessories.

INSTALLATION After 1 layer has dried (look below) we apply another layer with brush or roller. Possible also machine (airless) application.

TOOL Brush or roller. Airless (machine) application requires a Nozzle PAA 525, diameter 0,025", 25 cm broadness of spray (150 bar).

**CLEANING OF
TOOL** Clean tools immediately after the use. Hardened material on tools can only be removed mechanically.

COAGULATION Drying time:

- as priming agent - min. 6 h
- 1 layer - approx. 12 h
- 2 layer - approx. 24 h

LIMITATIONS

BASE TEMPERATURE +5°C min./ +30°C max.

AIR TEMPERATURE +5°C min./ +30°C max.

MATERIAL TEMPERATURE +5°C min./ +30°C max.

- WARNINGS**
- Times specified in the technical sheet were measured at the temperature of +20°C and relative air humidity of 50%. With higher temperatures prescribed time can be shortened while prolonged at lower temperatures
 - Product can be applied only on well prepared and solid surface
 - Protect freshly installed material from freezing, rain and other weather conditions. The material should not be used at (surface, air, material) temperatures lower than +5°C.

Recommendation: Remains of the unhardened/unset material have to be removed in accordance with the legislation.

Data source: All technical data in this technical sheet was obtained by laboratory research. Actual data may differ due to different working conditions.

Local restrictions: Due to specific local regulations the installed product can differ from country to country. For exact instructions for use a country specific technical sheet should be obtained.

PROOFS

NORMS/STANDARDS In accordance with EN 1504-2