

2K-Beton-Primer

4041

2C primer for cement-bound floors, for trade

PRODUCT DESCRIPTION

General

Colourless special primer for strongly absorbent, cement-bound floor surfaces, formulated with epoxy resin, where the aim is to achieve a coatable and secure substrate for subsequent coatings. Stand-out features of this product include extremely fast hardening and excellent reinforcement of the substrate. The material bridges cracks and is very easy to use.

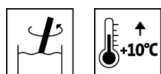
Application area



Cement-bound floor and wall surfaces in interior areas, e.g. storage rooms, cellars, garages and laundry rooms in private settings.

PROCESSING

Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +10 °C.
- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- Do not close containers with hardened material.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result. Deviations lead to film and adhesion problems as well as to impairments with regard to weathering and color stability.

Blending ratio



2 Part(s) by weight 2K-Beton-Primer (4041)
1 Part(s) by weight Beton-Primer Hardener 8446 (8446000210)

Mix the entire contents of Beton-Primer Hardener 8446 (8446000210) into 2K-Beton-Primer (4041) and mix carefully.

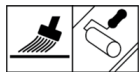
Use the material quickly. Observe the stated pot life.

Pot life



20 minute(s) at approx. 20 °C

A further extension of the pot life is not possible. Increased temperatures reduce the pot life. Important: the material becomes warm after hardening. Ideally, you should pour the material onto the surface immediately after hardening and spread it out. If the material hardens in the container, it can become very hot.

Application technique

175-225g
↓ ↓ ↓
1m²

	Brushing	Rolling
Applied quantity per application (g/m²)	175 - 225	

The product is ready to use. The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)



Recoatable	in 7 h
Maximum drying time	48 hour(s)

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Ensure adequate ventilation while the product is being applied and during drying, otherwise there may be reaction issues and variations in the degree of gloss.

It is also important to avoid a low level of air exchange, low temperatures and/or high humidity.

If the drying time exceeds 48 hour(s), the primer must be sanded before applying the following coating.

Avoid direct sunlight!

Cleaning the working equipment

With Nitro-Verdünnung Aromatenfrei (8017) immediately after use.

SUBSTRATE**Type of substrate**

Cement-bound substrates

Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, etc. and free from dust, as well as tested for suitability for coating.

It is important to reach the equilibrium moisture content of the substrate to be coated. (max. 4% by weight)

Construction components that are at ground level must be securely protected against rear-side moisture penetration by taking the required construction measures (sealing).

Substrate preparation

Greasy or oily marks should be completely removed, especially smooth screed (sintered layer) should be roughened up so that sufficient adhesion can be ensured.



Remove old coatings that cannot be recoated.

Please observe the additional documents:

- Current BFS information sheets
- DIN 18363

COATING SYSTEM**Primer coat**

1 x 2K-Beton-Primer (4041)

Intermediate coat	1 x 2K-Epoxy Beton-Beschichtung (4033) or 1 x Beton-Siegel (4002)
Finishing coat	1 x 2K-Epoxy Beton-Beschichtung (4033) or 1 x Beton-Siegel (4002)
ORDERING INFORMATION	
Size of trading unit	1 kg double can (635 g 2C-Beton-Primer, 365 g Beton-Primer-Hardener)
Colour shades / Glosslevels	Standard colour(s): Farblos (4041000200)
Supplementary products	2K-Epoxy Beton-Beschichtung (4033) Abbeizer Express (8313) Beton-Primer-Hardener 8446 (8446) Beton-Siegel (4002) Nitro-Verdünnern 8017 (8017) Please refer to the corresponding technical data sheets of the products.
FURTHER DETAILS	
Durability / storage 	Min. 3 year(s) in the original sealed containers. Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).
Technical specifications	VOC content of the ready-to-use mixture: Limit value according to Directive 2004/42/EC for 2K-Beton-Primer (Cat A/j): 500 g/l. 2K-Beton-Primer contains a maximum of 91 g/l VOC.
Giscode	RE75
Declaration of ingredients according to VdL-RL 01	epoxy resin
Safety information 	Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at www.adler-lacke.com .