

Product Data Sheet

Barrikade EP-Express

Barrikade®

Fast curing epoxy Primer

Product Description

Barrikade EP-Express is a solvent-free, two-component low viscosity concrete primer which penetrates into the concrete and gives good adhesion.

Areas of use

Barrikade EP-Express is intended for use as a primer for concrete substrates in combination with **Barrikade screeds and coatings**, specially when a fast curing primer is needed.

NB: **Barrikade EP-Express** is not colour stable and should not be used as a dust binder, as a binder for screeds, or as a top-coat.

Preparation

The surface should be free of laitance, oil, grease and loose or friable particles which may affect adhesion. Automatic shot-blasting or grinding is recommended. However, as it cures rapidly adhesion can be a problem at high temperatures and when the concrete is powerfloated (in such cases use shotblasting, not grinding).

The surface should then be vacuumed.
Maximum remaining moisture in concrete: 95%.
Minimum concrete quality: C25.

Mixing

Barrikade EP-Express is supplied in units ready to use comprising component A (Base) and B (Hardener). Pour contents of B into A container and mix thoroughly approx 3 minutes with a low speed drill. Use gloves and goggles. Keep the components at room temperature 24 hrs before use.

Application

Barrikade EP-express is applied with a brush, roller or squeegee. If the concrete is very porous, two coats are recommended.

Material consumption approximately:
0,3 kg/m² per coat, depending on the density of the substrate.

Cleaning

Wash hands with special hand cleanser and thereafter with soap and water. Tools should be cleaned with solvents immediately after use.

Health and safety

Mandatory and recommended industrial hygiene procedures should be followed whenever reactive resins are being handled and processed. See safety data sheet.

Technical data

Product:	Two-component epoxy
Density:	1,08 g/m ²
Dry content:	100 %
Viscosity:	800 - 1200 Cp at 25°C
Colour:	Clear
Mixing ratio:	A : B = 2:1 parts by weight.
Potlife:	25 minutes at 25°C
Application temperature:	The product should not be applied at temperatures below 12°C.
Curing time	3-4 hours at 20°C (dust dry) 3-4 hours, before next layer 3 days fully cured
Package:	10 kg
Storage/ shelf life:	Store at 5 - 25°C in dry place in the original container. At least 12 months.

The technical data presented here, as well as our instructions and recommendations, are based on numerous tests and on our experience. They are intended to assist the user in finding the most suitable working method and obtain the best possible results. Since the user's working conditions are beyond our control, we cannot accept responsibility for the result the user obtains when using the product.

Whenever in doubt – please contact us!

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