

Product Data Sheet

Barrikade EP-BP LY**StoPox CH 101****Barrikade®**

Low yellowing epoxy binder

Product Description:

Barrikade EP-BP LY is a two-component, solvent free, clear epoxy binder for surface treatment of concrete and other cement based coatings. **Barrikade EP-BP LY** provides extreme low yellowing, very good mechanical resistance as well as good chemical resistance.

Areas of use:

Barrikade EP-BP LY is developed for use as a primer and binder in mortar and decorative screeds where there is a high requirement for low yellowing. Recommended for industry, food industry, shops, industrial kitchens, and show rooms.

Preparation:

The surface should be free of laitance, oil and grease and loose or friable particles which may affect adhesion. The moisture level of the substrate should be maximum 4-5 % (95 % relative humidity). Automatic shot blasting, diamond grinding or scabbing is recommended. The surface should be vacuumed.

Priming:

Normal concrete of C25-C35 can be primed with Barrikade EP-BP LY or Barrikade EP-BP epoxy primer.

Mixing:

Barrikade EP-BP LY is supplied in units ready to use comprising component A (Base) and component B (Hardener). Component A must be mixed well before use. Pour content of B into A container and mix thoroughly for about 3 minutes with a low speed drill. It is useful to store both components at room temperature 24 hours before use. Avoid spillage!

Application:Barrikade EP-Deco

Barrikade EP-BP LY is mixed with compact filler. This mix is distributed with a steel trowel and broadcast until saturation on a primed and broadcast surface. Compact mechanically. When dry, apply Barrikade EP-TL LY.

Coverage (2,5 mm system):

Barrikade EP-BP LY:	0,30 kg pr. m ²
Coloured quartz 0,7 - 1,2:	1,20 kg pr. m ²
Barrikade EP-BP LY:	0,67 kg pr. m ²
Compactfiller:	0,80 kg pr. m ²
Broadcast until saturated:	
Barrikade Colour Quartz:	2,20 kg pr. m ²
Barrikade EP-TL LY:	0,10 kg pr. m ²

Barrikade EP-Decor:

Barrikade EP-BP LY is mixed to a mortar with coloured quartz. The mortar is applied onto a primed and broadcast surface with a screed box or distance rake. Smoothen with trowel. **Barrikade EP-TL LY** is applied when dried.

Coverage 5 mm):

Barrikade EP-BP LY:	1,4 kg pr. m ²
Barrikade Coloured quartz:	8,0 kg pr. m ²
Barrikade EP-TL LY:	0,4 kg pr. m ²

Clean-up:

Tools are to be cleaned with solvents, e.g. **Barrikade EP-Tynner**, acetone, xylene and so on. Cured material must be removed mechanically.

Health and safety

Use gloves, suitable clothing and goggles when using multi component epoxy resins. If material is in contact with the skin, wash with soap and warm water. If exposed to eyes, rinse with plenty of water and contact physician.

See Material Safety data sheet for more information!

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Technical data

Product:	Two-component, solvent-free clear epoxy resin
Density:	Approx. 1,10 g/cm ³
Dry content:	100 %
Viscosity:	Approx. 650 cP at 25°C
Colour:	Transparent
Finish:	Gloss
Mixing ratio:	A:B = 1,46:1 parts by weight. A:B = 1,54:1 parts by volume
Potlife:	15 minutes at 25 °C
Application temperature:	Minimum 12 ° C (substrate and air)
Curing time:	Initial curing 3 hours at 20°C. Full cure at 5 days.
Package:	13,56 liter units.
Storage/:	At least 12 months at 10 - 25°C in dry area, preferably in the original containers.

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.

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