

## Product Data Sheet

### Barrikade EP-TL LY

#### StoPox CH 105

# Barrikade®

Low yellowing epoxy topcoat

#### Product Description

**Barrikade EP-TL LY** is a two-component, solvent free, clear epoxy topcoat for surface treatment of concrete and other cement based coatings.

**Barrikade EP-TL LY** provides extreme low yellowing, very good mechanical resistance as well as good chemical resistance.

#### Areas of use

**Barrikade EP-TL LY** is developed for use as a topcoat 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.

#### Mixing

**Barrikade EP-TL 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-TL LY** is applied using a rubber squeegee, or a rubber squeegee followed rolling.

Material consumption:

In general: 0,1 – 0,7 kg/m<sup>2</sup>.  
Compact and Deco: 0,1 kg/m<sup>2</sup>.

#### 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!

#### Technical data

Product:	Two-component, solvent-free clear epoxy resin
Density:	Approx. 1,10 g/cm <sup>3</sup>
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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StoCretec Flooring AS,  
Værftsgt. 7 A, N-1510 Moss,  
Tel. 69 27 30 00 - Fax. 69 27 46 30  
E-post: [stocretec.no@sto.com](mailto:stocretec.no@sto.com)  
[www.stocretec.no](http://www.stocretec.no)