

Product Data Sheet

Barrikade EP-500 Tank**StoPox 500 T****Barrikade®**

Tixotropic epoxy coating

Product Description

Barrikade EP-500 Tank is a solvent-free, two-component pigmented epoxy resin which provides an impervious, hard and repellent glossy finish with good chemical resistance and wearing properties.

Areas of use

Barrikade EP-500 Tank is intended for use as a coating on tanks, reservoirs, gutters, basins, sewage treatment plants, and floors made of concrete and steel.

Preparation

The surface should be free of laitance, oil, grease and loose or friable particles which may affect adhesion. Blast cleaning is recommended. The surface should be vacuumed. The surface of steel and other metals must be free from rust and corrosion. Steel blast cleaned to Sa 2.5 (ISO 8501-1) will give the best adhesion.

Mixing

Barrikade EP-500 Tank is supplied in units ready to use comprising of component A (Base) and component B (Hardener). First thoroughly stir contents in container A to a homogenous consistency. Pour contents of B into A container and mix thoroughly for several minutes with a forced action mixer. Use impervious gloves and goggles. Keep the components at room temperature 24 hours before use.

Application

For steel: apply epoxy primer for example **Barrikade EP-PS** by brush, roller or spray.
For concrete: apply epoxy primer for example **Barrikade EP-PB** or **EP-DPM** by brush, roller or spray.

The surface must be smooth and free of pores. Treat with a render for example **Barrikade EW-Grunn**. Two coats of **Barrikade EP-500-Tank** are recommended. Application with roller or rubber squeegee, roller, brush or spray.

Spray Data:	
Pump Type:	2-Component with external mixer
Temperature:	Pre Heat – 55° C
Spray Nozzle:	0,026 – 0,035"

Material consumption **Barrikade EP-500 Tank**, two coats approx. 0,3 kg/m² per coat.

Cleaning

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

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 solvent-free, pigmented epoxy
Density:	1,33 g/cm ³
Dry content:	100%
Colour:	Green, Beige
Finish:	Glossy
Mixing ratio:	A : B = 3,66 : 1 (weight) A : B = 2,50 : 1 (volume)
Potlife:	Approx. 45 min. at 20 ⁰ C
Application temperature:	Applied at temperatures Below 12 ⁰ C
Recoat interval:	Minimum 6-8 hours at 20 ⁰ C Maximum 24 hours at 20 ⁰ C
Curing time:	Initial curing 8 hours at 20 ⁰ C. Full cure 5-7 days at 20 ⁰ C
Package:	9,33 kg units
Storage/ shelf life:	Store at 10-25 ⁰ C in dry place and preferably in the original container. At least 6 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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