

## Product Data Sheet

### Barrikade EP-Laminating epoxy

# Barrikade®

#### Product description

**Barrikade EP-Laminating epoxy** is a two-component solvent free epoxy.

**Barrikade EP- Laminating epoxy** is specially designed to be used together with glass fibre reinforced fabric, and the product has excellent chemical resistance.

#### User areas

**Barrikade EP-Laminating epoxy** is designed for tanks, pipes and vertical walls, both steel and concrete.

The Product can also be used as a primer on steel and concrete.

#### Properties

**Barrikade EP- Laminating epoxy** is designed so that the glass fibre surface is wetted very well, and so that the glass fibre allows air to escape.

**Barrikade EP- Laminating epoxy** is formulated with low viscosity and it is pliable so that it is easy to apply.

#### Substrate / surface treatment

The substrate must be clean, dry and free of dust and grease. Contamination is removed with an emulsifying cleaning agent.

#### Concrete

On small surfaces use steel brush or chisel to remove concrete skin or contaminated concrete, followed by vacuum cleaning or washing. On larger areas the surface should be sandblasted before vacuum cleaning or washing.

#### Steel

All corrosion to be removed by steel brush or sandblasting. Steel sandblasted to SA 2 1/2 gives the best result and ensures adhesion.

#### Mixing

The materials should have a temperature of min. 14°C, ideally 18-20° C.

Component B is mixed well with component A for 3 minutes, immediately before applying.

#### Cleaning

Mixing equipment and tools cleaned with solvent immediately after use.

#### Protection

Use gloves, thick fabric clothing, and safety goggles when working with epoxy resins. See HES product data sheet

#### Technical data

Product:	Two-component solvent free epoxy
Dry weight:	1,13 g/cm <sup>3</sup>
Dry substance content:	100%
Viscosity:	Approx. 850 Cp v/25° (mix)
Colour:	Clear
Gloss:	Glossy
Mixing ratio:	A : B = 100 : 65 (weight)
Potlife:	1,5 hours at 25° C
Curing time:	10-12 hours at 20° C
Fully cured:	5-7 days at 20° C
Application temperature:	Minimum 5° C
Storage:	At least 12 month in unopened packaging .Store dry and free of frost. (5° – 25° C).
Packaging :	10 kg units

*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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