

## Product Data Sheet

**Barrikade EP-SLF I & II****Barrikade®**

Self smoothing flexible epoxy finish

**Product Description**

**Barrikade EP-SLF** is a solvent-free, two-component pigmented flexible epoxy resin, supplied in two grades:  
EP-SLF-I (Undercoat-softer), EP-SLF-II (Topcoat-harder).

**Areas of use**

**Barrikade EP-SLF** is intended for use on asphalt, flintcote, other bituminous substrates, concrete and water-proofed plywood and hardboard to withstand impact loads and thermal shock.

**Preparation**

Concrete: The surface should be free of laitance, oil and grease and loose or friable particles which may affect adhesion. Automatic shotblasting or scabbling is recommended. The surface should be vacuumed.

Asphalt: Surface must be clean.

**Cracks/holes**

Uneven substrates must be levelled out and holes repaired with **Barrikade EP-SLF-I** and filler.

**Mixing**

**Barrikade EP-SLF** is supplied in units ready to use comprising component A (Base) and component B (Hardener). First thoroughly stir contents in component A to a homogenous consistency. Pour contents of B into A container and mix thoroughly for several minutes.

Use gloves and goggles. Keep the components at room temperature 24 hrs before use. Do not up end container.

**Material consumption**SELF-LEVELLING SYSTEM, 2,5 - 3 MM

Primer: **Barrikade EP-BP**, approx. 0,25 l/m<sup>2</sup>.  
(asphalt requires normally no primer).

**Barrikade EP-SLF-I**, approx. 2 kg/m<sup>2</sup>.

**Barrikade EP-SLF-II**, approx. 2,2 kg/m<sup>2</sup>.

SLURRY/SCATTERED SYSTEM, 5 MM

Primer: **Barrikade EP-BP**, approx. 0,25 l/m<sup>2</sup>.  
(asphalt requires normally no primer).

**Barrikade EP-SLF-I**, approx. 2,1 kg/m<sup>2</sup>.

Filler, 5,5 kg natural sand 0,7 - 1,2 mm and 1,5 kg Dynagrip 16 mesh.

**Barrikade EP-SLF-II**, approx. 1,5 kg/m<sup>2</sup>.

**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 – EP-SLF I**

Product:	2-component flexible pigmented epoxy
Density:	1.33 g/cm <sup>3</sup>
Dry content:	100%
Viscosity:	Approx. 1800 Cp at 25°C
Colour:	Grey
Finish:	Gloss
Mixing ratio:	A : B = 3.9 : 1, by weight
Potlife:	30 minutes
Application temperature:	The product should not be applied at temperatures below 10°C
Curing time:	Initial curing 10-12 hrs at 20°C Full Cure after 5-7 days
Package:	20 kg
Storage/shelf life:	Store at 10-20°C in dry place in the original container. At least 12 months

**Technical data – EP-SLF II**

Product:	2-component pigmented epoxy
Density:	1.49 g/cm <sup>3</sup>
Dry content:	100%
Viscosity:	Approx. 3500 Cp at 25°C
Colour:	Grey
Finish:	Gloss
Mixing ratio:	A : B = 3.9 : 1, by weight
Potlife:	30 minutes
Application temperature:	The product should not be applied at temperatures below 10°C
Curing time:	Initial curing 10-12 hrs at 20°C Full cure after 5-7 days
Package:	20 kg
Storage/shelf life:	Store at 10-20°C in dry place in the original container. At least 12 months

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*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.*

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