

Product Data Sheet

Barrikade EP-PS

StoPox PS

Barrikade®

Epoxy primer for steel

Product Description

Barrikade EP-PS is a two-component solvent free epoxy primer for steel surfaces.

User areas

Barrikade EP-PS is developed specially for steel decks.

Properties

Barrikade EP-PS has very good adhesion to sandblasted steel, and cures down to + 5°C at 0-90 % relative humidity.

Substrate / surface treatment

Steel must be sandblasted to minimum SA 2 ½ (ISO 8501-1). The surface must be clean and dust free and all oil and grease must be removed. The steel temperature must be minimum 3°C above condensation point.

Mixing:

Mix part A and part B well with a mechanical mixer immediately before use. The product is delivered in correctly measured units.

Application

Use spraying equipment (two-component equipment), roller, brushes or rubber squeegee.

Consumption approx 0.2 kg/m².

Curing time between layers must not exceed 48 hours (at 20°C). Alternatively wet primer can be sanded to secure good mechanical adhesion.

Cleaning

Clean hands with hand cleaning detergent followed by soap and water. Tools are cleaned with solvent.

Protection

Gloves, suitable clothes and spectacles must be used when applying the product. In case of skin contact wash immediately with soap and hot water. In case of liquid in the eyes wash with large amounts of water and contact doctor immediately. See SDS-sheet.

Technical specifications:

Product:	Two-component epoxy primer
Dry matter content:	100%
Viscosity:	Approx. 1800 cp at 25°C
Dry weight:	1,08 g/cm ³
Colour:	Clear
Recommended thickness:	175 – 200 µm
Theoretical coverage:	0,2 kg/m ²
Application:	Spraying (two-comp.), roller, brush or squeegee
Mixing ratio:	Part A : Part B = 1,67 : 1 (weigh) Part A : Part B = 1,5 : 1 (volume)
Open time:	Ca. 1 hour at 20°C
Drying time:	5 hours at 20°C 20 hours at 5°C
Curing time:	6 hours at 20°C 24 hours at 5°C
Fully cured	5 – 7 days at 20°C
Application temperature:	Minimum 5°C
Storage:	12 months for each component Temperature should be 5-35°C

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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