

System Data Sheet

Barrikade EP-Mono

Barrikade®

Self levelling epoxy floor finish

Description

Barrikade EP-Mono is a pigmented, seamless flooring system based on a solvent-free epoxy resin compound incorporating special filler.

Barrikade EP-Mono is primarily intended for use on new and old concrete floors. The system provides a gloss surface.

Areas of use

Barrikade EP-Mono provides a smooth, impervious, hard and repellent finish and is intended for use in areas where hygiene, durability and the ability to be easily cleaned is of importance. Typical areas are warehouses and process areas for both the food and pharmaceutical industries, clean room construction for electronic and precision engineering.

Properties

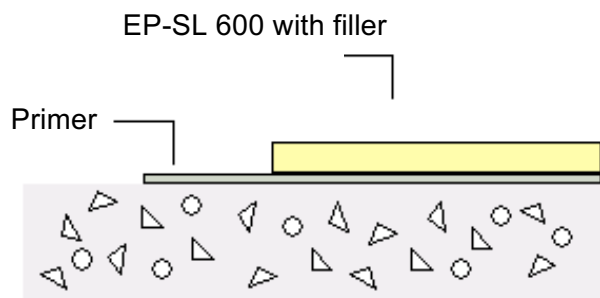
Chemical: **Barrikade EP-Mono** provides seamless and water tight finishes with good chemical resistance to most chemicals such as alkalis, oils, fats, salt, but limited resistance to acid in high concentrations.

Mechanical: **Barrikade EP-Mono** has very good wear resistance.

Specification Details

- Substrate preparation in accordance with suppliers instructions
- Epoxy Primer: **Barrikade EP-PB**
- Epoxy Compound: **Barrikade EP-SL 600** with filler
- Thickness: 2 - 3 mm
- Colour: See separate colour chart

System build up



Technical data

Properties		Mono
Abrasion Resistance, ASTM D 1242-56		
- 1000 rev.:	Loss of thickness	0,35 mm
	Loss of weight	1,72 g
- 2000 rev.:	Loss of thickness	0,70 mm
	Loss of weight	3,43 g
Indentation Hardness, NT BUILD 042		
- 10N, 0 sec.		0,081 mm
- 10N, 30 sec.		0,019 mm
- 500N, 30 sec.		0,071 mm
Adhesion Strength, CEN TC 125/N 85		
- Concrete C-35		100% fracture
- Fully cured epoxy		100% fracture
- Steel		4,89 N/mm ²
Compressive Strength		77 N/mm ²
Flexural Strength		36 N/mm ²
Modulus of Elasticity		4500 N/mm ²

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