

System Data Sheet

Barrikade EP-Multi**Barrikade®**

Multi-layer epoxy screed

Description

Barrikade EP-Multi is a pigmented, seamless flooring system based on a solvent free epoxy resin compound, dressed with natural quartz or special filler and thereafter sealed with a pigmented epoxy resin.

Barrikade EP-Multi is supplied in 8 colours and with different grades of slip-resistance depending on requirements.

Areas of use

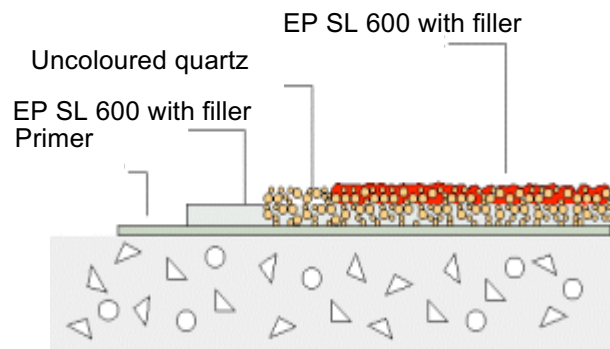
Barrikade EP-Multi is suitable for areas with heavy traffic and can be used in dry or wet premises. Typical areas of use are food and mechanical engineering.

Properties

Chemical: **Barrikade EP-Multi** provided seamless and water tight finish with good chemical resistance to most chemicals such as alkalis, oils, fat, salt, solvents, but has limited resistance to acid in high concentrations.

Mechanical: **Barrikade EP-Multi** has very good mechanical properties and is hard wearing. The system can be supplied with different grades of filler and also a special filler to achieve extreme wear resistance.

Thermal: At 4-5 mm thickness **Barrikade EP-Multi** has good resistance to thermal shock and at 6-7 mm this property will increase. It is therefore recommended in areas subjected to high temperatures.

System build up**Technical data**

Properties	Multi	
Abrasion Resistance, ASTM D 1242-56		
- 1000 rev.: Loss of thickness	mm	0.40
Loss of weight	g	1.89
- 2000 rev.: Loss of thickness	mm	1.16
Loss of weight	g	7.01
Indentation Hardness, NT BUILD 042		
- 10N, 0 sec.	mm	0.077
- 10N, 30 sec.	mm	0.019
- 500N, 30 sec.	mm	0.122
Adhesion Strength, CEN TC 125/N 85		
- Concrete C-35	100% fracture	
- Fully cured epoxy	100% fracture	
- Steel	N/mm ²	2.80
Compressive Strength:	N/mm ²	88
Flexural Strength	N/mm ²	30
Modulus of Elasticity	N/mm ²	12200

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