

System Data Sheet

Barrikade PU Rapid-Multi decor**Barrikade®**

Multi-layer screed

Description

Barrikade PU rapid-Multi Decor is a seamless flooring system based on a solvent free polyurethane resin compound, dressed with coloured quartz and thereafter sealed with a polyurethane resin.

Barrikade PU rapid-Multi Decor is supplied in a range of standard colours and with different grades of slip-resistance depending on requirements.

Areas of use

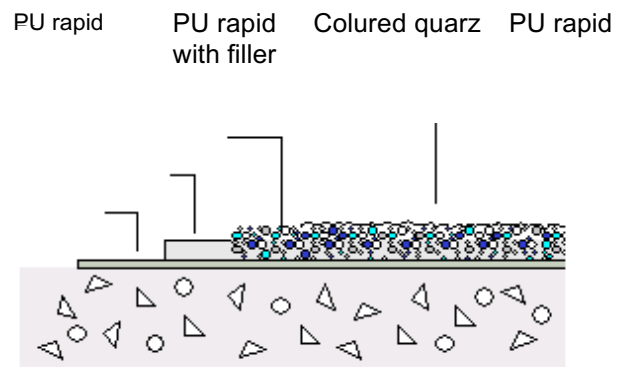
Barrikade PU rapid – Multi Decor is suitable for areas with heavy traffic and can be used in dry or wet premises. Typical areas of use are food industry and industrial kitchens. **Barrikade PU Rapid-Multi** can be installed very fast with a drying time of 2 hours per layer.

Properties

Chemical: **Barrikade PU Rapid-Multi Decor** 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 PU Rapid-Multi Decor** 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: **Barrikade Rapid PU- Multi Decor** has very good resistance to temperatures above 100 °C in itself, but thermal shock could cause delamination between concrete and coating, at low thicknesses. At 5 mm thickness it will resist 120 °C.

System build up**Technical data**

System build up	kg/m ²	3mm	4mm	5mm
Pu rapid A+B	0,3	0,3	0,3	0,3
PU rapid pigmented A+B in 1 : 1 mix with SL 1500 filler	1,6	2,1	2,5	
Uncoloured quartz 0,7-1,2	4	5	6	
PU rapid Pigmented in 1:1 mix with SL 1500 filler	1,3	1,3	1,3	
Bond strength EN13892-8	4,1 Mpa			
Impact strength EN ISO 6272-1	Passed			
Wear resistance EN ISO 17025	AR 20 µm			
Termoshock EN 13687-5.2003/EN 1542:2002 at 120 °C	No visible defect			
	Bond strength 2,0 Mpa			

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