

## System Data Sheet

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

Multi-layer screed

**Description**

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

**Barrikade PU rapid-Multi** is supplied in 4 standard colours and with different grades of slip-resistance depending on requirements.

**Areas of use**

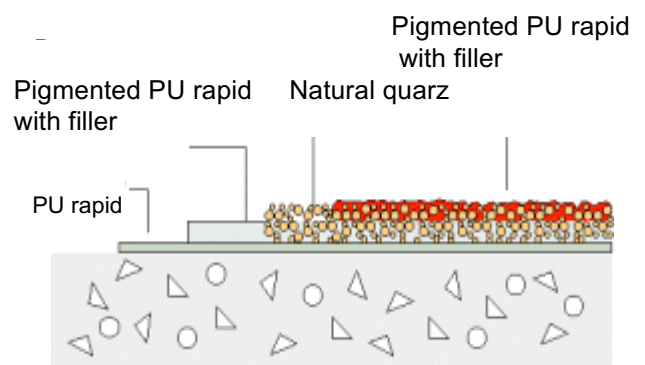
**BarrikadePU rapid – Multi** is suitable for areas with heavy traffic and can be used in dry or wet premises. Typical areas of use are food industry and mechanical engineering. **Barrikade PU Rapid-Multi** can be installed very fast with a drying time of 2 hours per layer.

**Properties**

**Chemical:** **Barrikade PU Rapid-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 PU Rapid-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:** **Barrikade Rapid PU- Multi** 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 <sup>2</sup>		
	3mm	4mm	5mm
Pu rapid A+B	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		

System Data Sheet

---

**Barrikade PU Rapid-Multi**

**Barrikade®**

Multi-layer screed

StoCretec Flooring AS,  
Værftsgt. 7 A, N-1510 Moss,  
Tel. 69 27 30 00 - Fax. 69 27 46 30  
E-post: [stocretec.no@sto.com](mailto:stocretec.no@sto.com)  
[www.stocretec.no](http://www.stocretec.no)