

System Data Sheet

Barrikade PU-Multiflex**Barrikade®**

Multicoat polyurethane system

System description

Barrikade PU-Multiflex is a flexible multi coat (slurry) polyurethane flooring system.

Barrikade PU-Multiflex is a seamless very hard wearing and slip resistant system.

Barrikade PU-Multiflex can be delivered in accordance with the standard colour chart for Hesselberg single coloured systems.

Alternative syste

For outdoor areas, or in areas installed at low temperatures Barrikade ACR 529 is recommended as topcoat. In areas with heavy traffic loads Dynagrip is recommended instead of quartz. In areas with cracks, where crack bridging is essential, a very flexible layer of PU SLF 3K, 1,5 kg/m², without the filler part is recommended.

User areas

Barrikade PU-Multiflex is designed for constructions with movements where flexibility and abrasion resistance is required. Specially well suited for parking decks, boat decks, platform decks and balconies etc. where crack bridging is required.

Properties

Chemical: **Barrikade PU-Multiflex** gives a watertight, seamless surface with good resistance to a range of chemicals.

Mechanical: **Barrikade PU-Multiflex** has very good mechanical properties regarding impact loads and abrasion.

Thermal: **Barrikade PU-Multiflex** has good resistance regarding temperature loads, and at higher thickness (6 mm) it will also resist temperature shocks.

Substrate / substrate treatment

Substrate must be dry and clean and free of oil, grease and other dirt. Substrate to be treated with shot blasting, sand blasting or grinding. Coating can be applied both on concrete, asphalt and steel.

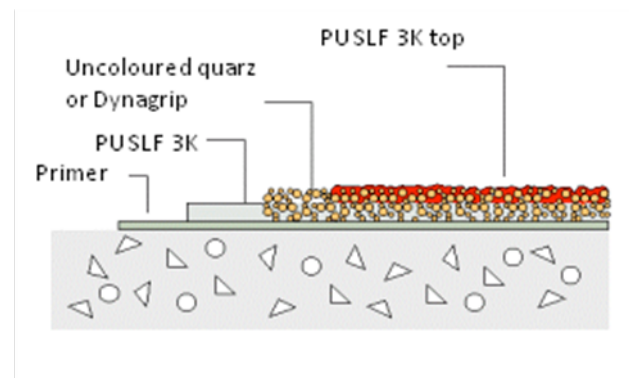
System build up

Primer: **Epoxy EP PB**

Flexible layer (eventually) **Barrikade PU SLF- 3K without filler**

Wearing coat: **Barrikade PU-SLF 3K with Quartz Sand or Dynagrip**

Top coat: **Barrikade PU-SLF 3K Top or ACR 529 (outdoor)**

**Technical data**

Properties:	Barrikade PU-Multiflex
Potlife at 20°C:	20 minutes
Consumption:	See System Guide
Drying time at 20°C:	6 – 8 hours
Curing time at 20°C:	
Light traffic	12 hours
Fully cured	7 days
Storage time:	12 months
Fire resistance EN 13501-1:	B _{f1}
Adhesion EN 13892-8:	2,9 Mpa
Impact resistance EN ISO 6272-1:	≥20 Nm Approved No cracks
Wear resistance EN 13892-4:2003:	AR1 Medium value 70 with quartz sand
Skid resistance ASTM E303:93:	59,4 Low

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