

System Data Sheet

Barrikade PU-Screed**Barrikade®**

Polyurethane screed

Product Description

Barrikade PU-Screed is a water based polyurethane screed for floorings in industry with aggressive environments. The system is hard-wearing, has high temperature and chemical resistance.

Barrikade PU Screed provides a mat, anti-slip and seamless flooring. Can be supplied in red, grey, yellow and blue.

Areas of use

Barrikade PU-Screed is especially designed for areas with high chemical, thermal and mechanical stress such as food, chemical and process industry. Can be used where a decorative hard-wearing, chemical resistant and seamless floor is required. The system provides high resistance against chemical, thermal and mechanical (impact) stresses, and gives an anti-slip, water tight seamless flooring with excellent hygienic properties.

Properties

Chemical: **Barrikade PU-Screed** provides seamless and watertight finish with good resistance to a wide range of chemicals. Intended for areas exposed to alkalis, oil, fats and aromatic and aliphatic solvents. Excellent resistance against organic and inorganic acids. See resistance list. Discolouring can appear when exposed to chemicals.

Mechanical: **Barrikade PU-Screed** is extremely hard-wearing, and has excellent impact resistance.

Thermal: **Barrikade PU-Screed** has excellent resistance against thermal shock (steam cleaning and hot/cold water cycles) due to the thickness and design. 9 mm is resistant against boiling water at 120°C.

Substrate / surface preparation

The surface shall be clean, dry and free from oil, fat and other friable particles. Pretreat with scabbing, diamond grinding or shot blasting.

Barrikade PU-Screed must be anchored to the floor by saw cutting a 20 mm deep and 8 mm wide crack along the walls (approx. 15 cm from walls, doors etc.). The material must be applied in full depth of the saw cut. Same procedure is used around drains, pillars etc.

Product profile

Epoxy Primer: **Barrikade EP-DPM**
(When the moisture content in the concrete is above 75%)

PU-Screed: **Barrikade PU-Screed**

Technical data

Properties	PU-Screed
Pot-life at 20°C:	15 minutes
Coverage:	
6 mm	12 kg/m ²
9 mm	18 kg/m ²
Drying time at 20°C:	4-6 hours
Curing time at 20°C:	
Medium traffic	12-15 hours
Heavy traffic	24 hours
Storage:	Maximum 3 months



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