

System Data Sheet

Barrikade EP-Monoflex**Barrikade®**

Selflevelling flexible epoxy coating

System description:

Barrikade EP-Monoflex is a flexible selflevelling epoxy coating for floors in industry and trade. The system consist of a primer (on concrete) and two layers of selflevelling epoxy that bis installed in a thickness of 1,5 - 3 mm. **Barrikade EP-Monoflex** is supplied in 9 standard colours and provide a high gloss even surface.

User areas:

Barrikade EP-Monoflex is intended for areas in industry and trade where there is a need for a flexible coating system. It can be installed on concrete as well as asphalt and other bituminous surfaces.

Barrikade EP-Monoflex provide a flexible waterproof surface that is easy to clean for user areas such as;

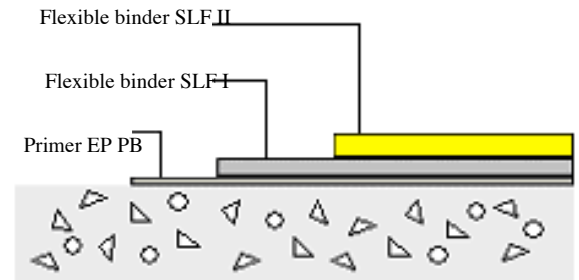
- warehouses / terminals
- manufacturing
- utility areas
- etc

Properties:

Chemical: **Barrikade EP-Monoflex** provide a seamless waterproof surface with good resistance against most chemicals, but with limitations when it comes to acids. It is particularly suitable regarding alkalis, fat and salt.

Mechanical: **Barrikade EP-Monoflex** is very hard wearing. It is flexible and therefore suitable on asphalt.

Thermal: **Barrikade EP-Monoflex** has limited resistance to thermal shock from steamcleaning etc due to the limited thickness of the system.



Epoxy primer: **Barrikade EP-PB**
Flexible binder: **Barrikade EP-SLF I**
Flexibel binder : **Barrikade EP-SLF II**

Technical data:

Abrasion resistance, BS 8204:	0,01 mm (spesial)
Requirement < 0,1 mm	
Compression strength:	Deformed
Deformed due to elasticity	
Skid resistance, BS 8204-2:	25
For approved wet > 40 is required	
Adhesion, CEN TC 125/N 85:	
- Concrete	100% concrete failure
- fully cured epoxy:	100 % concrete failure
- steel:	2,80 N/mm ²
Elongation:	SLF I, 50% SLF II, 26%
Maximum mechanical and chemical properties	After 7 days

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System build up: