

System Data Sheet

Barrikade EP-Multi HD**Barrikade®**

Epoxy coating with extreme durability

Description

Barrikade EP-Multi HD is a pigmented, seamless flooring system based on a solvent free epoxy resin compound, dressed with natural quartz and special sand (Dynagrip) and thereafter sealed with a pigmented epoxy resin.

Barrikade EP-Multi HD is supplied in many different colours and with different grades of slip-resistance depending on requirements.

Areas of use

Barrikade EP-Multi HD is suitable for areas with heavy traffic and can be used in dry or wet premises. Typical areas of use are food and mechanical engineering.

- Floors with heavy traffic
- Floors exposed with heavy traffic
- Workshops
- Heavy industry
- Process industry
- Parking houses

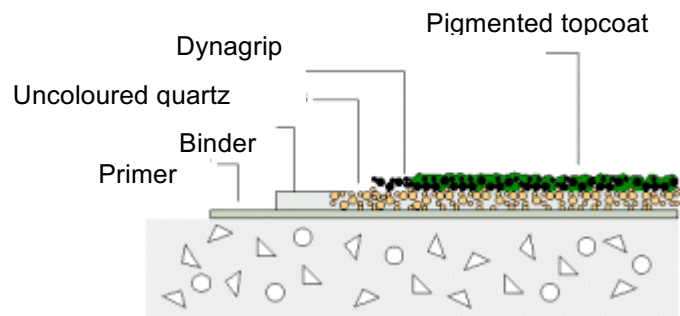
Properties

Chemical: **Barrikade EP-Multi HD** 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 EP-Multi HD** has very good mechanical properties and is hard wearing.

Thermal: At 4 - 5 mm thickness

Barrikade EP-Multi HD has good resistance to thermal shock and at 6 - 7 mm this property will increase. It is therefore recommended in areas subjected to high temperatures.

System build up

- Substrate preparation in accordance with suppliers instructions
- Epoxy primer: **Barrikade EP-PB**
- Epoxy Compound: **Barrikade EP-SL 600** with filler spread with uncoloured natural quartz and Dynagrip for saturation
- Top coat: Pigmented **Barrikade EP-SL 600** with filler

Thickness: From 4 mm up to 7-9 mm

Colour: See colour chart for **Barrikade EP-Mono**

Technical data

Abrasion Resistance, EN 3894-4:	0,33 class AR3
Impression resistance, EN ISO 6272:	Approved
Slip-resistance, BS 8204-2:	75
Approval at wet-test demands > 40	
Adhesion Strength, CEN TC 125/N 85:	
- Concrete:	4,3 Mpa
The minimum requirements is 1,5 Mpa	
Maximum wear resistance and chemical durability:	After appr. 7 days
Curing time at 20° C:	Dust dry after 10-12 hours

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