

System Data Sheet

Barrikade EP-Compact

Barrikade®

Decorative Epoxy Screed

Description

Barrikade EP-Compact is a seamless flooring system based on a solvent-free epoxy resin compound mixed with coloured quartz sand, sealed with a top-coat for durable finish (design movement joints in the substrate should be maintained through the flooring system). The system is applied in a layer thickness from 2,5 to 3,0 mm.

Areas of use

Barrikade EP-Compact is suitable for industrial and commercial buildings requiring floors which are joint free and wear resistant while at the same time both aesthetic, decorative and resistant against chemicals and mechanical loads. It is also water-proof, easy to clean and hygienic.

Properties

Chemical: **Barrikade EP-Compact** provides a seamless and water tight finish with good chemical resistance to most chemicals such as alkalis, oils, fat, solvents, but has limited resistance to acid in high concentrations. See Chemical resistance chart.

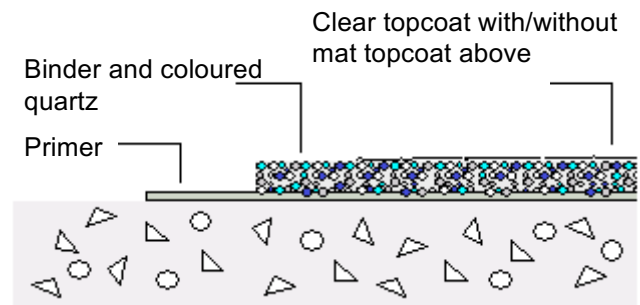
Mechanical: **Barrikade EP-Compact** has very good mechanical properties and is hard wearing.

Thermal: **Barrikade EP-Compact** can be washed with solutions up to 60°C. It should not be subjected to continuous live steam or very hot water.

Specification details

Substrate preparation in accordance with suppliers instructions:

System build up



Thickness: 2,5 - 3,0 mm

Colour: See separate colour chart

Technical data

Properties	EP-Dekor (Compact)
Flexural Strength, BS 6319, Part 3, 1990	17,4 N/mm ²
Flexural Modulus, BS 6319, Part 3, 1990	34500 N/mm ²
Compressive Strength, BS 6319, Part 2 1983	54 N/mm ²
Abrasion resistance, BS 8204, Part 2, 1999	0,01 mm
Adhesion strength, Elcometer Tester	Concrete failure
Shore D-hardness	78

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