

System Data Sheet

Barrikade Deco**Barrikade®****System description:**

Barrikade Deco is a seamless decorative epoxy coating for floors in all kind of public areas.

The system consists of coloured well graded quartz sand mixed with a clear epoxy binder that is sealed with a hard wearing, chemical resistant topcoat.

All resins used have a very high UV stability.

The coating system is installed in thickness 2,5-3 mm. Eventually a flexible cementitious screed can be used as a bottom layer to increase human comfort and reduce noise.

Barrikade Deco is delivered in a range of attractive Colours – see colour chart.

User areas:

Barrikade Deco is suitable in all kind of public areas where decorative, hard-wearing floors with a long life-time, that are easy to clean and that will give you a nice working environment (noise, human comfort, appearance) is required.

- Supermarkets
- Shops
- Exhibition rooms
- Schools/hospitals
- Offices
- Etc.

Properties:*Chemical*

Barrikade Deco gives you a waterproof, seamless surface with excellent resistance to many chemicals. The flooring system is suitable for areas where spillage of alkalis, oil, fat and solvents occurs, but has limitations when it comes to large concentration of acids.

Mechanical

Barrikade Deco has excellent mechanical properties regarding compression and impact loads and is very hard-wearing.

Thermal

Because of it's build up with a modest thickness

Barrikade Deco has limited resistance regarding heavy thermal loads from steam cleaning etc.

Build up:

- Epoxyprimer **Barrikade EP-PB**
- Epoxy binder **Barrikade EP-BP LY**
+ special filler
+ coloured quartz sand
- Topcoat **Barrikade EP-TL LY**
Eventually matt finish
Barrikade PU MW XP

Technical data:

Compressive strength BS 6319, PART 2 1983	54 N/mm ²
Tensile strength BS 6319, PART 13 1990	17.4 N/mm ²
E-modulus BS 6319, PART 3 1990	34500 N/mm ²
Hardness, ASTM D 2240	78
Wear resistance, BS 8204	0



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