



Photo: em-werbung.com

BARiT LOFTFLOOR | Designer Floors

Praxis Stricker, Oralchirurgie, Konstanz



DEFINITION AND PURPOSE

Derived from an industrial design, BARiT developed the LOFTFLOOR. It displays an urban, purist concrete look due to its high-quality design. Typical loft-style fillings with shading, textures as well as iridescent effects determine its unique design.

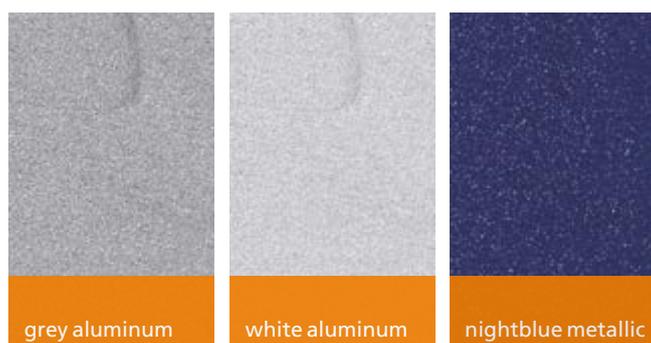
The LOFTFLOOR is innovative because it highlights a noble concrete look and at the same time provides the user with all the qualitative advantages of a durable industrial floor.

Quick Info

- crack-bridging
- seamless
- non-slip matte finish in accordance with BGR 181 R 9
- mechanical and chemical resistant
- declared according to DGNB and LEED
- low abrasion
- fire protection class Cfl-s1
- easy to clean and disinfect

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APPEARANCE

LOFTFLOOR can be installed with a matte or satin finish. Qualitative benefits such as high-quality color stability characterize LOFTFLOOR as a designer floor. A matte surface with slip-resistance class R 9 provides for sure-footed walking.

The color palette is based on the BARiT color chart for the current concrete look.

FEATURES

LOFTFLOOR is based on a two-component, low-emission, solvent-free, polyurethane resin. Excelling in factors for „Building green“ this surface coating has achieved 7.5 out of a possible 10 points for LEED and DGNB in environmental quality.

Abrasion resistance, chemical resistance, high resistance to light and UV stability as well as the high elasticity of this coating are all functional requirements that LOFTFLOOR meets. The elasticity of the coating provides good dampening properties that also makes standing and walking on this surface extremely comfortable.

It can be installed on top of calcium-sulfate based false and subflooring, cement as well as anhydrite flooring, and especially on heated flooring. The coating is installed in a layer 2 - 3 mm thickness. LOFTFLOOR has a high chemical resistance against salts, urine, cooking oils and food acids. The dense surface is water-repellent, dirt resistant and can be easily cleaned.

TYPE	LOFTFLOOR
Binding agent	2-K-PUR-resin
Flash point	> 100 °C
Consumption/m ²	1,4 kg/mm
Colour shade	BARiT card of colours
Grade of gloss	gloss/silk gloss/mat
Fire behaviour DIN EN 13501-1	Cfl-s1, hardly inflammable
Bending tensile strength DIN 1164**	elastic
Compression strength DIN 1164**	elastic
Adhesive pull strength DIN EN 24624	> 1,0 N/mm ²
Light-fastness	resisting to UV with finish
DGNB / LEED	declaration 7,5 point
VOC Emission	Meets the requirements of AgBB
Anti-slip Class DIN 51130	R9, R11
Light-Temperature resistance	120 °C temporarily 40 °C consistently
Chemical resistance	to resistance list and self test
Working under conditions of:	
air humidity	40 - 65% < 80 %
residual moisture of the ground	< 3 %
ground temperature min.	18 °C
ground temperature max.	22 °C
Curing time at 20°C:	
not sticky	after 8-10 hours / 16 hours
walking admissible	after 16-24 hours / 24 hours
final hardness	after 7 days
Mechanical stability	after 7 days / 20 °C
Adhesion strength on concrete	> 2 N/mm ² (fracture on concrete)
crack bridging according to DIN EN 1062-7 with approx. 1.5 mm thickness	test temperature: +23 °C 1.00 mm



Aluminum Base

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** with prism method - according to AGI Worksheet A 81 and BEB worksheets KH 5

* according to cleaning and care instructions