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BARiT ELASTIC B 65 | Designer Floors

VW Markenpavillon, Wolfsburg



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DEFINITION AND PURPOSE

The BARiT ELASTIC B 65 combines the highest standards of design, quality, feel, zeitgeist and style.

Additionally, ELASTIC B 65 meets high functional requirements, such as fade-resistance and UV stability. With the creative variety of flooring colours the architecture receives a style element to achieve holistic, seamless surfaces.

The elasticity of the flooring provides good damping properties, which makes standing and walking on this flooring more comfortable.

Quick Info

- crack-bridging
- seamless
- non-slip matte finish in accordance with BGR 181, R.9, R 11
- mechanically and chemically resistant
- declared according to DGNB and LEED
- low abrasion
- fire protection class Cfl-s1
- low emissions according to AGBB
- easy to clean and disinfect

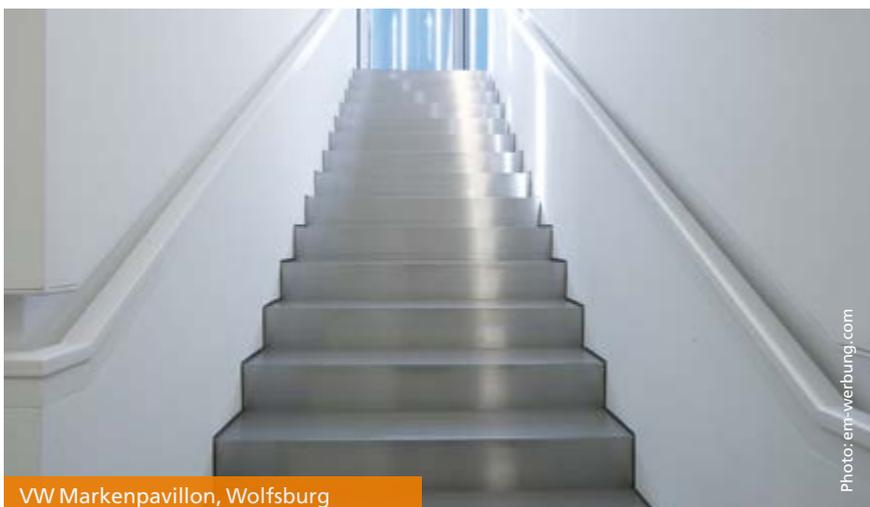


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APPEARANCE

ELASTIC B 65 can be installed in a matte or satin finish based on BARiT color charts. Qualitative benefits such as high-quality color stability and intensity characterize ELASTIC B 65 SOFT-SOUND as a designer floor. This coating surface is available in a large color spectrum of RAL colors. A matte surface with slip-resistance class R 9 provides for sure-footed walking. Specialized colors are available for areas over 200 m².

FEATURES

Der ELASTIC B 65 is 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. 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 synthesis between professional laying technology and the quality of the material provide for a low abrasion coating that offers good mechanical strength. The coating is installed in a layer 2 - 3 mm thickness. ELASTIC B 65 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	ELASTIC B 65
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
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 1.0 mm
ultimate tensile strength according to DIN EN ISO 527	test temperature: + 23 °C
Tension	6.0 MPa
Elongation	69,2 %
Cleaning	BARiT Cleaner*



MARC CAIN, Bodelshausen

Photo: MARC CAIN



Connection to Convectors

Photo: em-werbung.com

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

