



Photo: BARiT

BARiT ELASTIC B65 SOFTSOUND | Designer Floors

Apotheke am Theater, Esslingen



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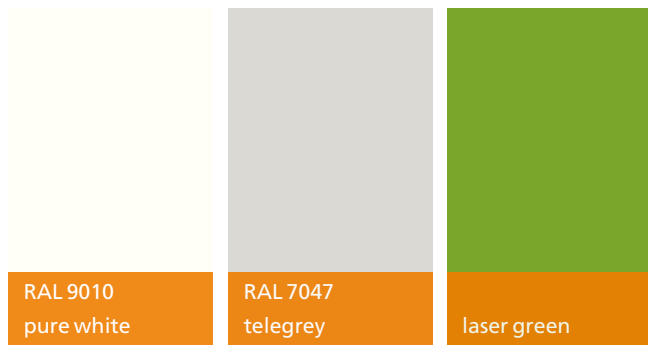
DEFINITION AND PURPOSE

The BARiT ELASTIC B65 SOFTSOUND is a floor that provides special technical and ergonomic advantages due to its high elasticity.

It is particularly suitable for bridging cracks and is suitable for use on difficult surfaces. At the same time the flooring has very good impact noise and damping properties, which makes standing and walking on this floor especially comfortable. Seamlessness, creative variety of colours and impact sound improvement speak for themselves in this unique floor design.

Quick Info

- crack-bridging
- seamless
- non-slip matte finish in accordance with BGR 181 R 9
- slip-proof according to BGR 181, R 11
- mechanical and chemical resistant
- declared according to DGNB and LEED
- low abrasion
- impact-resistant
- fire protection class Cfl-s1
- low emissions according to AGBB



APPEARANCE

ELASTIC B 65 SOFT-SOUND 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 according to BARiT color charts. A matte surface with slip-resistance class R 9 provides for sure-footed walking.

Specialized colors are available for areas over 200 m².

FEATURES

ELASTIC B 65 SOFT-SOUND 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. Due to the coating's thickness of 6 – 7 mm, it maintains a very high impact strength and resistance and can be classified as slip resistant. ELASTIC B 65 SOFT-SOUND 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.

For temperature exposure, this coating can handle 120 °C temporarily, 40 °C consistently. By incorporating a special rubber layer a decrease in the volume level for impact can be reduced, while ergonomically allowing for long, symptom-free standing.

TYPE	ELASTIC B65 SOFTSOUND
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
Sound absorption	Lw = 19dB
Light-Temperature resistance	120 °C temporarily 40 °C consistently
Chemical resistance	to resistance list and self test
Working under conditions of:	
air humidity	40 - 85%
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
ultimate tensile strength according to DIN EN ISO 527	test temperature: + 23 °C
Tension	6.0 MPa
Elongation	69,2 %
Test Temperature	+23 °C
Cleaning	BARiT Cleaner*



Wall Joint with BARiT-Corner

Photo: BARiT



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

* according to cleaning and care instructions