BARiT® FLOORS WITH PRECISION

Photo: BARiT

BARiT ELASTIC B65 | Industrial Floors

Electolytic Company

Schwäbische Zellstoff AG, Ehingen

Photo: BARiT

DEFINITION AND PURPOSE

The elastifying BARiT COATING type ELASTIC B65 consists of a two-components system based on solvent-free polyurethane resin packed with mineral fillers and inorganic pigments. ELASTIC B65 is to be applied in layers of 2-3 mm thickness.

Quick Info

- bridging over cracks
- jointless
- antiskid with mat surface to BGR 181 R9
- mechanical and chemical resistance
- almost no abrasion
- Fire classification Cfl-s1
- low emissions according to AGBB
- easy cleaning and disinfection

RAL 7047 telegrey

RAL 6019 pastel green

RAL 9011 graphite black

TYPE	ELASTIC B 65
Binding agent	2-K-PUR-resin
Flash point	> 100 °C
Consumption/m²	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/mm²
Light-fastness	with finish conditionally resisting to UV
DGNB / LEED	product declaration 7,5 Punkt
VOC Emission	Meets the requirements of AgBB
Anti-slip Class DIN 51130	R9, R11, R12
Temperature resistance	120 °C temporarily 40 °C consistently
Chemical resistance	to resistance list and self test
Working under conditions of:	
air humidity	40 - 65% I < 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/mm2 (fracture on vconcrete)
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
Elogation	69,2 %
Test Temperature	+23 ° C

APPEARANCE

BARiT-ELASTIC B 65 can be installed with a matte or satin finish based on a selection from the BARiT color chart.
Industrial flooring does not have to always look neutral and sober. Pavement markers may be useful as indicators for escape routes, restricted and/or loading zones.
Specialized colors are available for areas over 500 m² on request.

FEATURES

Der BARiT ELASTIC B 65 is a two-component system based on a solvent and plasticizer free, polyurethane resin, enriched with mineral fillers and inorganic pigments. Due to its elasticity, cracks with a width up to 1.0 mm can be bridged in a subflooring made of concrete or other material.

The synthesis of professional laying technology and quality materials ensures a coating with low abrasion, which is equipped with good mechanical and chemical resistance. The ELASTIC B 65 is resistant to a variety of alkalis, diluted acids, salt solutions, mineral oils, as well as lubricants and fuels.
This flooring's installed thickness is 1.5 – 2.5 mm. For temperature exposure, this flooring can handle 120 ° C temporarily, 40 ° C consistently.
By installing a special rubber layer, ELASTIC B65 can be turned into a SOFT-SOUND Flooring. To reduce the noise level during production and to reduce the strain and tiredness of standing in assembly activities, ELASTIC B 65 SOFT-SOUND offers exceptional ergonomic advantages. Both the smooth as well as the non-slipping surfaces are easy to clean and disinfect.

Wall Connection with Channeling

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

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