



Photo: BARiT

BARiT MUSEUMS-TERRAZZO | Designer Floors

TU Dresden, Dresden



Photo: BARiT

VW Autostadt, Wolfsburg

DEFINITION AND PURPOSE

BARiT received the "Innovation Award for Architecture and Floors" in 2002 for the innovative nature of BARiT MUSEUMS-TERRAZZO. The panel thickness and high load capacity technically convinced the expert jury.

Due to its modest homogeneity BARiT MUSEUMS-TERRAZZO blends harmoniously into sensitive colour concepts. The monochrome, single-colour design offers a variety of aesthetic qualities. Ideal for giving rooms, employees, guests and customers a special ambience.

Quick Info

- seamless
- aesthetic
- slip-resistant in accordance with BGR 181 R 9
- slip-proof according to BGR 181, R10, R 11, R 12
- chemical and mechanical stability
- suitable for wheelchairs
- easy to clean and disinfect
- fire classification Bfl-s1
- low emissions according to AGBB



APPEARANCE

The ideal starting point for aesthetic appearances, the application expertise that is the hallmark of BARiT has always been greatly valued. The timeless design of MUSEUM TERRAZZO is accented by the quality of the granules that give the satin finish a slightly metallic character. MUSEUM TERRAZZO can be installed using diverse grades of granules and according to a selection of RAL colors.

Pastel shades like pearl white, light ivory, light gray or platinum emphasize a high-quality, homogeneous look.

Colored grains such as bright yellow, bright orange, bright green tones or traffic gray emphasize the diversity of available designs.

Specialized granules are available based on a selection of RAL colors for areas over 200 m².

FEATURES

MUSEUM TERRAZZO is made of water-clear epoxy resin and polyurethane coated colorfast granules and is installed in a layer 8 - 10 mm thickness. It can be installed on top of calcium-sulfate based false and subflooring, cement as well as anhydrite flooring, and especially on heated flooring. This covering is installed without any joints or edges, eliminating any hazards for tripping. In addition, the seamless design provides hygienic protection.

The MUSEUM TERRAZZO, due to its load-bearing capacity, is ideal for high traffic areas. Due to its seamless surface, MUSEUM TERRAZZO is easy to clean and maintain.

TYPE	MUSEUMS-TERRAZZO
Binding agent	EP-resin
Fillers	Granulates
Solid matters	100 %
Flash point	> 100 °C
Consumption/m ²	2 kg/mm
Grain	BARiT card of grains
Grade of gloss	silk gloss or mat
Fire behaviour DIN EN 13501-1	Bfl-s1, hardly inflammable
Bending tensile strength DIN 1164**	> 10 N/mm ²
Compression strength DIN 1164**	> 40 N/mm ²
Adhesive pull strength DIN EN 24624	> 2 N/mm ²
Light-fastness	conditionally resisting to UV
VOC Emission	Meets the requirements of AgBB
Anti-slip Class DIN 51130	R9, R10, R11, R12
Barefoot Suitability DIN 51097	B and C
Light-Temperature resistance	100 °C temporarily -30 °C to +70 °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 12 hours
walking admissible	after 16 hours
final hardness	after 7 days
Mechanical stability	after 7 days fully capable of bearing
Cleaning	BARiT Cleaner*

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

* according to cleaning and care instructions



ADAC, München

Photo: BARiT



RKW architects, Düsseldorf

Photo: BARiT





Photo: em-werbung.com

BARiT LOFTFLOOR | Designer Floors

Praxis Stricker, Oralchirurgie, Konstanz



Photo: em-werbung.com

Praxis Stricker, Oralchirurgie, Konstanz

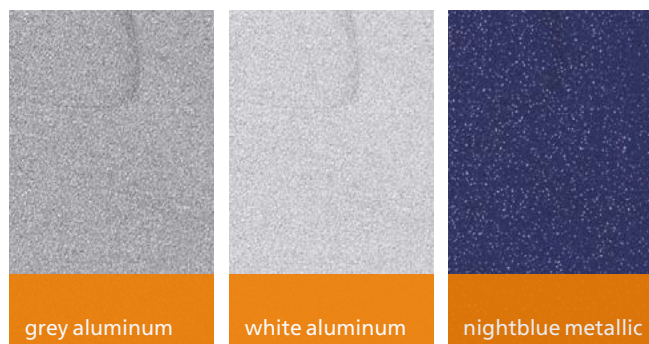
DEFINITION AND PURPOSE

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



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, R12
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

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

* according to cleaning and care instructions



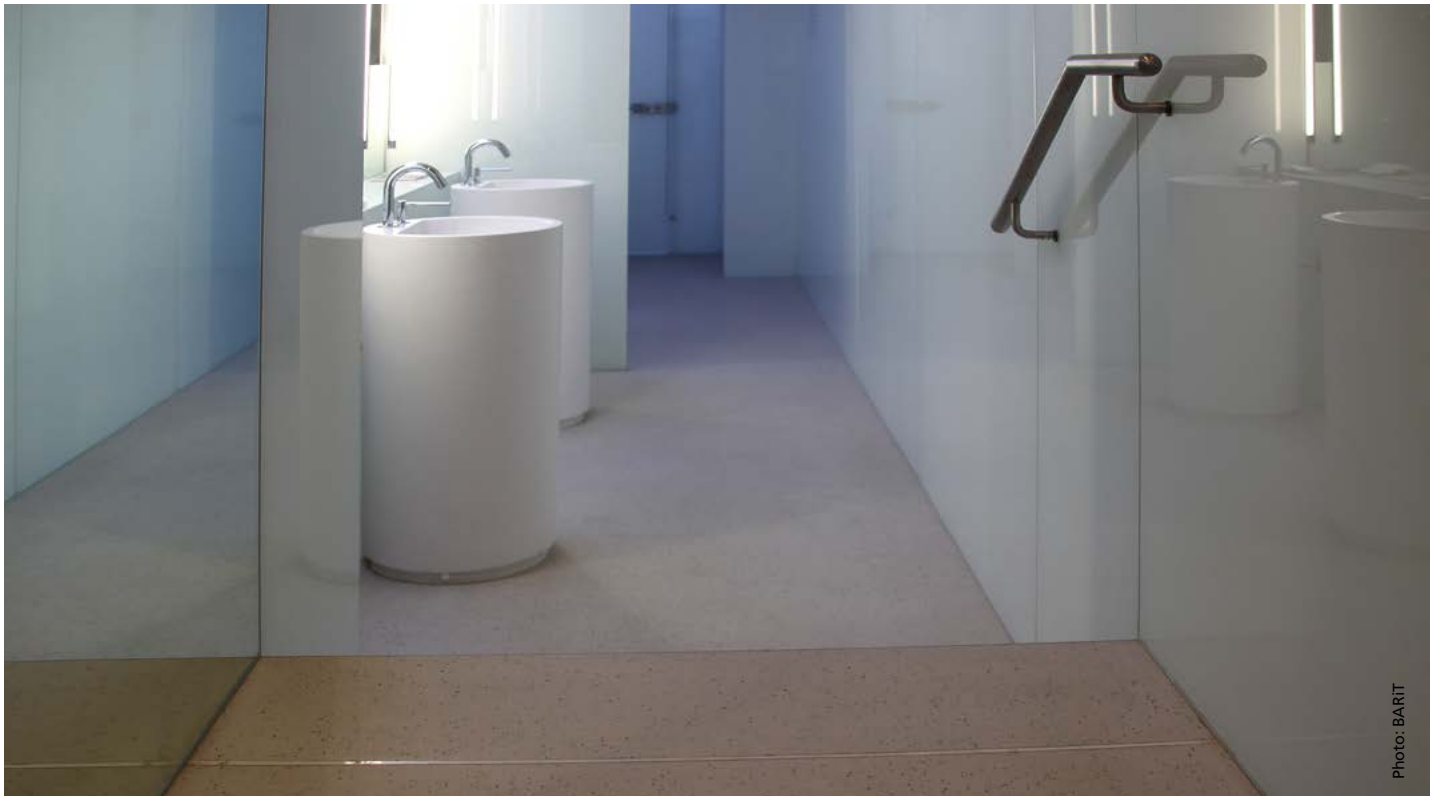


Photo: BARiT

BARiT TERRAZZO-VENEZIANI | Designer Floors

WC Anlage Palais, Austria



Hypovereinsbank, München

Photo: BARiT

DEFINITION AND PURPOSE

Inspired by the classic terrazzo Veneziani, BARiT developed an epoxy resin-bound terrazzo. This flooring is grinded several times in order to achieve the particularly elegant appearance.

The TERRAZZO-VENEZIANI offers all creative possibilities for the restoration of historic buildings and for modern design concepts through the variety of coloured aggregates. With craftsmanship inlaid work, moulding and logos can be integrated for a defining look.



Navigation with high quality steel signpost

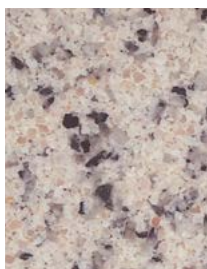
Photo: BARiT

Quick Info

- seamless
- aesthetic
- slip-resistant in accordance with BGR 181 R 9
- chemical and mechanical stability
- suitable for wheelchairs
- easy to clean and disinfect
- Fire classification Bfl-s1



RAL 9010
pure white,
Terralith, sanded



RAL 1013
oyster white,
Terralith, sanded



RAL 7016
anthracite grey

APPEARANCE

The ideal starting point for the terazzo look – including inlays, beading (friezes) or logos provided for by BARiT craftsmanship. Careful grinding of the surface provides for a truly noble terazzo appearance.

FEATURES

TERRAZZO-VENEZIANI consists of epoxy resin and granules, installed in a layer 8-10 mm thick. Ribboned tracks made from stainless steel or aluminum incorporate ornaments and optical structures. The high wear resistance of TERRAZZO-VENEZIANI makes it suitable for installation in mechanically stressed and high traffic areas. This covering is installed without any joints or edges, eliminating any hazards for tripping. Due to its seamless surface, TERRAZZO-VENEZIANI is easy to clean and maintain.

It can be installed on top of calcium-sulfate based false and subflooring, cement as well as anhydrite flooring, and especially on heated flooring.

TYPE	TERRAZZO-VENEZIANI
Binding agent	EP-resin
Fillers	Granulates
Solid matters	100 %
Flash point	> 100 °C
Consumption/m ²	2 kg/mm
Grain	BARiT card of grains
Grade of gloss	silk gloss or mat
Fire behaviour DIN EN 13501-1	Bfl-s1, hardly inflammable
Bending tensile strength DIN 1164**	> 10 N/mm ²
Compression strength DIN 1164**	> 40 N/mm ²
Adhesive pull strength DIN EN 24624	> 1,0 N/mm ²
Light-fastness	conditionally resisting to UV
VOC Emission	Meets the requirements of AgBB
Anti-slip Class DIN 51130	R9, R11
Barefoot Suitability DIN 51097	B and C
Light-Temperature resistance	100 °C temporarily -30 °C to +70 °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 12 hours
walking admissible	after 16 hours
final hardness	after 7 days
Mechanical stability	after 7 days fully capable of bearing
Cleaning	BARiT Cleaner*

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

* according to cleaning and care instructions



Toilet facility Palais, Austria



Photo: BARiT

BARiT MASTER TERRAZZO® | Designer Floors

Praxis Prof. Dr. Nessler, Freiberg



Photo: BARiT

Praxis Prof. Dr. Nessler, Freiberg

DEFINITION AND PURPOSE

The epoxy resin-bound BARiT MASTER TERRAZZO® combines classic terrazzo highlights with varied colours and aggregates at a very low construction height. Sharp and round thermalite aggregates in natural colours give the floor a modern classic terrazzo look.

Design is paramount for MASTER TERRAZZO®. The customer determines the colouring of the base grain and additionally the size, quality and quantity of aggregates.

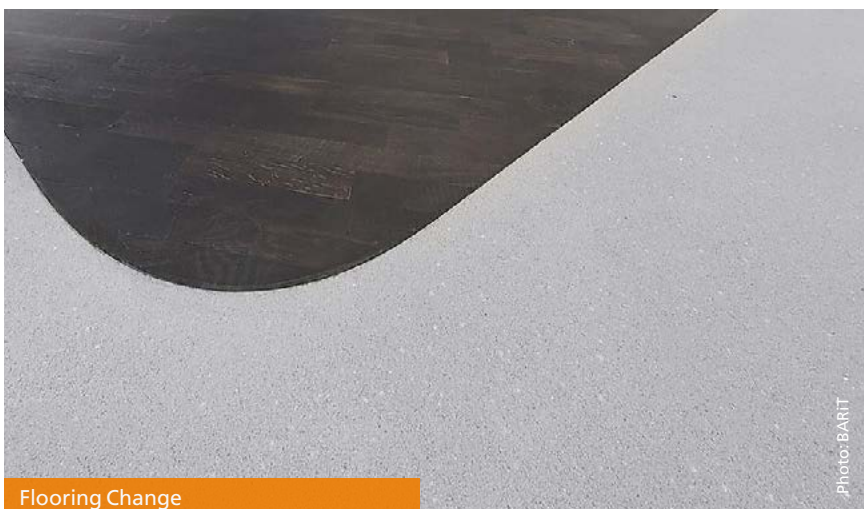
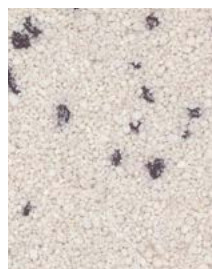


Photo: BARiT

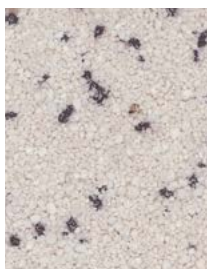
Flooring Change

Quick Info

- seamless
- aesthetic
- slip-resistant in accordance with BGR 181 R 9
- chemical and mechanical stability
- suitable for wheelchairs
- easy to clean and disinfect
- fire classification Bfl-s1
- Low emissions according to AGBB



Traffic white -
terralith 1



Traffic white -
terralith 5



graphiteblack -
terralith

APPEARANCE

The basic granules of MASTERTERRAZZO® can be selected according to RAL colors. In addition, BARiT offers a large spectrum for Terralith gravel: Crystal white, creek stone, amber or coal black gravel create a living terrazzo effect. Pastel colored terrazos in pearl white, light ivory, light gray or platinum gravel combined with precious white crystal or natural gray slate granules give a classic Terrazzo look. Colored granules such as fresh green tones emphasize an individually designed terrazzo. Specialized granules are available based on a selection of RAL colors for areas over 200 m².

FEATURES

MASTERTERRAZZO® consists of water-clear epoxy resin and polyurethane coated colorfast granules, which are combined with Terralith granules. The supplemental granules can be up to 2.5 mm in size, sharp-edged or rounded. The coating can be installed in a layer 8 - 10 mm thickness. It can be installed on top of calcium-sulfate based false and subflooring, cement as well as anhydrite flooring, and especially on heated flooring. This covering is installed without any joints or edges, eliminating any hazards for tripping.

MASTERTERRAZZO®, due to its load-bearing capacity, is ideal for high traffic areas and due to its seamless surface remains abrasion-free even with permanent exposure. With its seamless surface MASTERTERRAZZO® is easy to clean, maintain and disinfect and maintain, thus providing hygienic protection.

TYPE	MASTERTERRAZZO®
Binding agent	EP-resin
Fillers	Granulates
Solid matters	100 %
Flash point	> 100 °C
Consumption/m²	2 kg/mm
Grain	BARiT card of grains
Grade of gloss	silk gloss or mat
Fire behaviour DIN EN 13501-1	Bfl-s1, hardly inflammable
Bending tensile strength DIN 1164**	> 10 N/mm²
Compression strength DIN 1164**	> 40 N/mm²
Adhesive pull strength DIN EN 24624	> 1 N/mm²
Light-fastness	conditionally resisting to UV
Anti-slip Class DIN 51130	R9, R11
Light-Temperature resistance	100 °C temporarily -30 °C to +70 °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 12 hours
walking admissible	after 16 hours
final hardness	after 7 days
Mechanical stability	after 7 days fully capable of bearing
Cleaning	BARiT Cleaner*

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

* according to cleaning and care instructions



Formation of Flooring Joints

Photo: BARiT



Flooring Connection to Convectors

Photo: BARiT

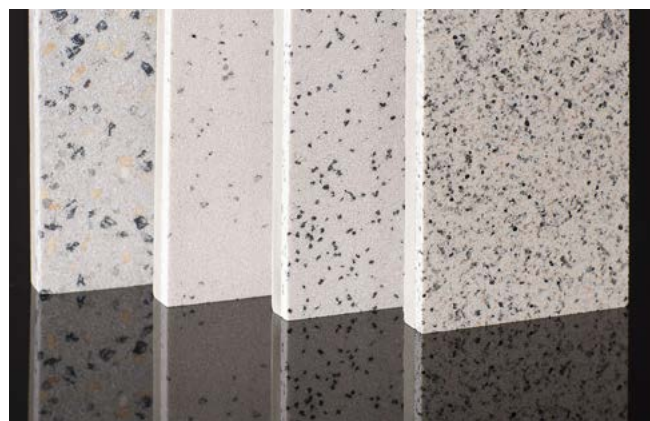




Photo: BARiT

BARiT ELASTIC B65 SOFTSOUND | Designer Floors

Apotheke am Theater, Esslingen



Photo: BARiT

MARC CAIN, Bodelshausen

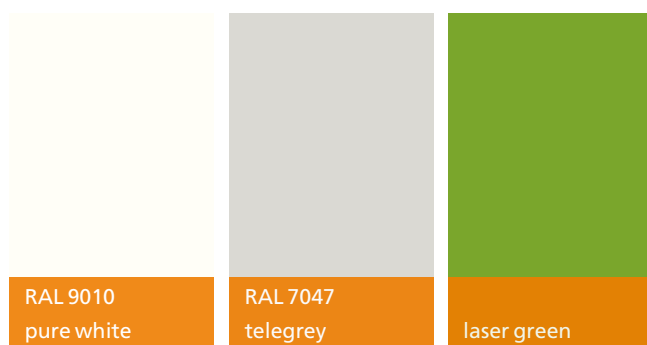
DEFINITION AND PURPOSE

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, R 12
- 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.



Wall Joint with BARiT-Corner

Photo: BARiT



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, R12
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 strenght according to DIN EN ISO 527	test temperature: + 23 °C
Tension	6.0 MPa
Elongation	69,2 %
Test Temperature	+23 °C
Cleaning	BARiT Cleaner*

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

* according to cleaning and care instructions



Photo: em-werbung.com

BARiT ELASTIC B 65 | Designer Floors

VW Markenpavillon, Wolfsburg



Photo: em-werbung.com

VW Markenpavillon, Wolfsburg

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

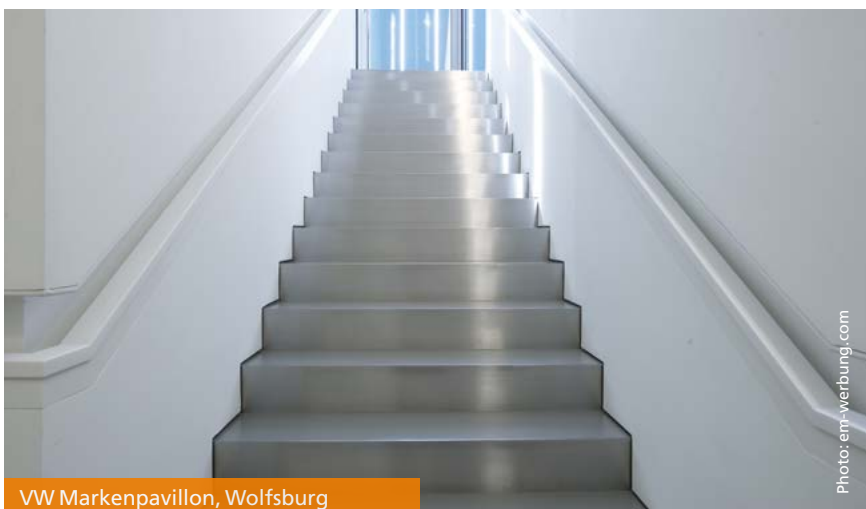


Photo: em-werbung.com

VW Markenpavillon, Wolfsburg



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

DerELASTIC 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/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	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, R12
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/mm² (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 strenght 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





Photo: BARiT

BARiT WALL COATING | Designer Surfaces

Kita Scharnhäuser Park, Scharnhäusen



TU Dresden, Dresden

Photo: BARiT

DEFINITION AND PURPOSE

Seamlessness from the floor, walls to the ceiling gives rooms generosity and represents a high level of design competence style. The BARiT WALL COATING supplements the BARiT designer flooring with the creative element of consistency in colour intensity, colour shade and feel.

Through the exact alignment of the pigment structure to the BARiT resin flooring, walls and floors can be realised seamlessly.

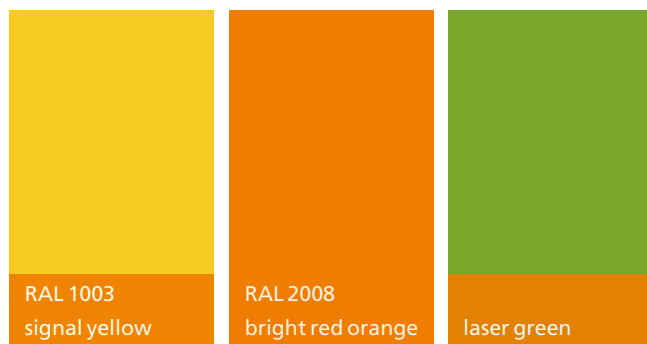


Kita Scharnhäuser Park, Scharnhäusen

Photo: BARiT

Quick Info

- seamless
- non-porous
- aesthetic
- chemical resistance
- abrasion-proof
- planar
- easy to clean and disinfect



APPEARANCE

BARiT WALL COATING is visually distinguishable by the consistent coverage and high resistance to light. The surface coating can be applied in a matte or satin finish according to BARiT color charts. A wide variety of available RAL colors complete the wide color spectrum. Specialized colors are available for areas over 200 m².

FEATURES

BARiTWALL COATING is a two-component system based on solvent-free epoxy resin that is enriched with mineral fillers and inorganic pigments, which are combined to improve the flexibility and elasticity of the polyurethane resin. Due to the layer's thickness of 1-2 mm, the use of high quality materials and professional laying technology, the wall coating is resistant against abrasions and chemicals. Existing walls that are covered in tile or exterior walls made of concrete or plaster can be coated with fabric-reinforcement, as well as walls made of drywall or particleboard. Interrupting elements such as windows and doors can be integrated seamlessly. Without corners and edges the wall coating can be connected to a BARiT RESIN Coating by using a channel or a triangular base/plinth.

TYPE	WALL COATING
Binding agent	2-K-EP-resin, emulsified water
Fillers	inert
Solid matters	100 %
Flash point	-
Consumption/m²	150-200 g / process
Colour shade	BARiT card of colours
Grade of gloss	mat and silk gloss
Fire behaviour DIN EN 13501-1	B1, hardly inflammable
Bending tensile strength DIN 1164**	-
Compression strength DIN 1164**	-
Adhesive pull strength DIN EN 24624	> 2 N/mm²
Light-fastness	conditionally resisting to UV
Light-Temperature resistance	95 °C temporarily 70 °C consistently
Chemical resistance	to resistance list and self test
Working under conditions of:	
air humidity	40 - 85%
residual moisture of the ground	4 - 10 %
ground temperature min.	10 °C
ground temperature max.	22 °C
Curing time at 20°C:	
not sticky	after 6 hours
walking admissible	after 16 hours
final hardness	after 7 days
Mechanical stability	after 4 days

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

** < 1% for anhydride flooring

***according to cleaning and care instructions



ELASTIC B 65 combined with BARiT WALL COATING,
full color in laser green



Photo: BARiT

BARiT POWER | Designer Floors

Escada

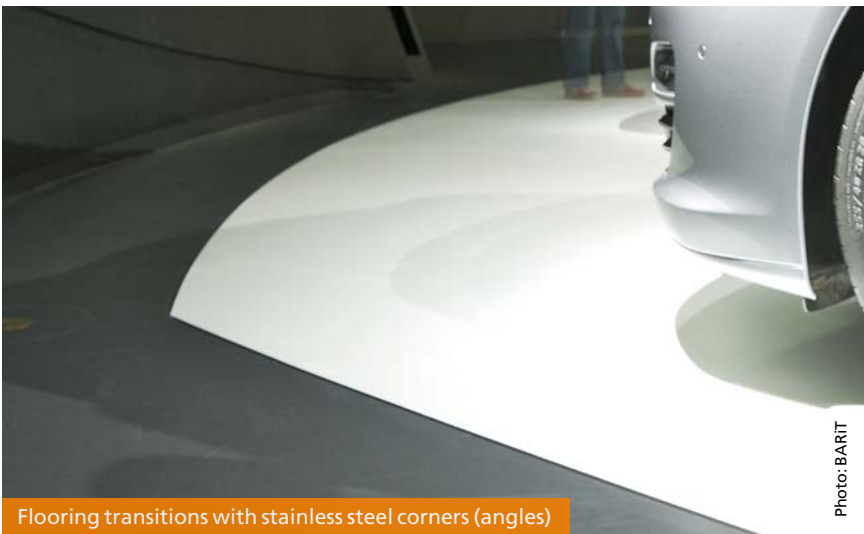


Photo: BARiT

Flooring transitions with stainless steel corners (angles)

DEFINITION AND PURPOSE

The POWER flooring provides a homogeneous surface with high durability. The plain-coloured aesthetic offers diverse design qualities. Ideal for giving buildings a minimalist look or for emphasising them with colour.

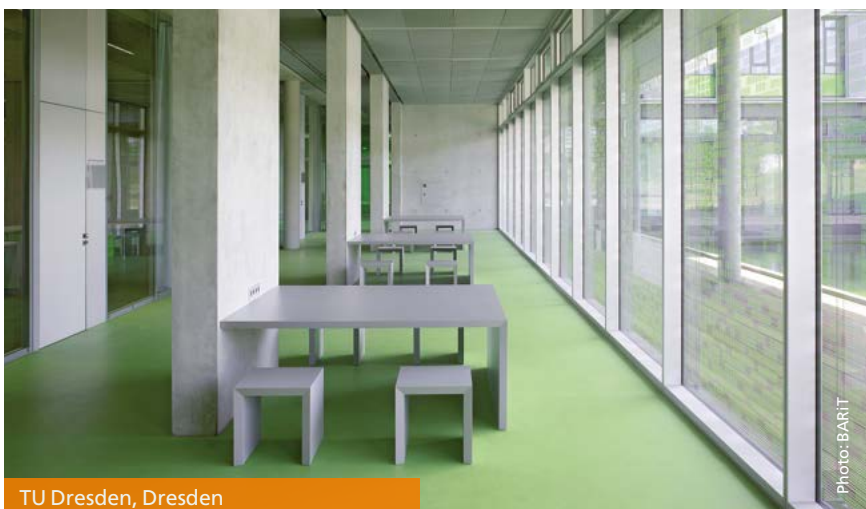
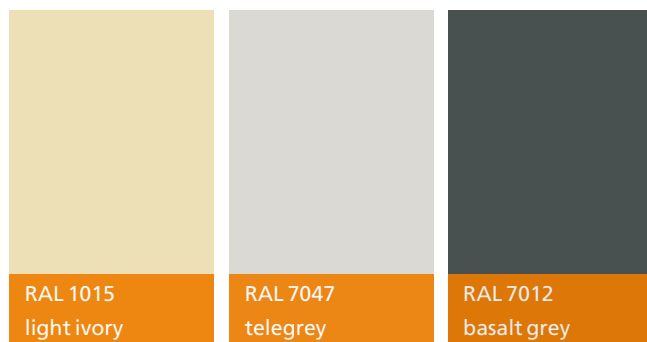


Photo: BARiT

TU Dresden, Dresden

Quick Info

- seamless
- non-slip matte finish in accordance with BGR 181 R 9
- slip-proof according to BGR 181, R 11
- mechanically and chemically resistant
- low abrasion
- fire protection class Cfl-s1
- low emissions according to AGBB
- Easy to clean and disinfect



APPEARANCE

BARiT RESIN-COATING - Type: POWER is installed in a matte finish based on BARiT color charts.

POWER-Coating can be installed in all RAL colors. Colored granules – such as bright orange, crimson, light green or graphite black – emphasize the variety in colors available. Specialized colors are also available, based on RAL colors for areas over 200 m².

FEATURES

BARiT RESIN-COATING - Type: POWER is a two-component system based on a solvent-free, epoxy resin and can be applied to cement as well as anhydrite.

The application of the coating system along with a proper installation technique ensure a low abrasion coating that provides good mechanical and chemical resistance. Likewise, the POWER Coating is resistant to a variety of alkalis, diluted acids, salt solutions, mineral oils, as well as urine.

TYPE	POWER
Binding agent	2-K-EP-resin
Fillers	anorganisch / inert
Solid matters	100 %
Flash point	> 100 °C
Consumption/m²	1,6 kg/mm
Colour shade	BARiT card of colours
Grade of gloss	gloss or mat with finish
Fire behaviour DIN EN 13501-1	Cfl-s1, hardly inflammable
Bending tensile strength DIN 1164**	> 10, N/mm²
Compression strength DIN 1164**	> 40, N/mm²
Adhesive pull strength DIN EN 24624	≥ 1,0 N/mm²
Light-fastness	with finish conditionally resisting to UV
VOC Emission	Meets the requirements of AgBB
Anti-slip Class DIN 51130	R9, R11, R12
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.	25 °C
Curing time at 20°C:	
not sticky	afre 8-10 hours
walking admissible	after 24 hours
final hardness	after 7 days
Mechanical stability	after 7 days
Cleaning	BARiT Cleaner*

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

* according to cleaning and care instructions

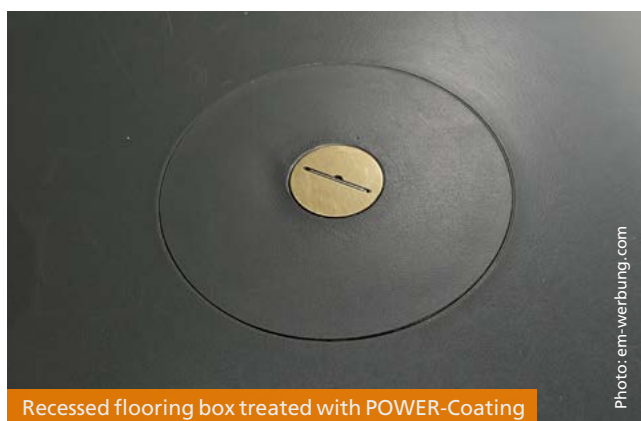




Photo: BARiT

BARiT SEAL | Designer Surfaces

Deutsches Filmmuseum, Berlin, Sony Center

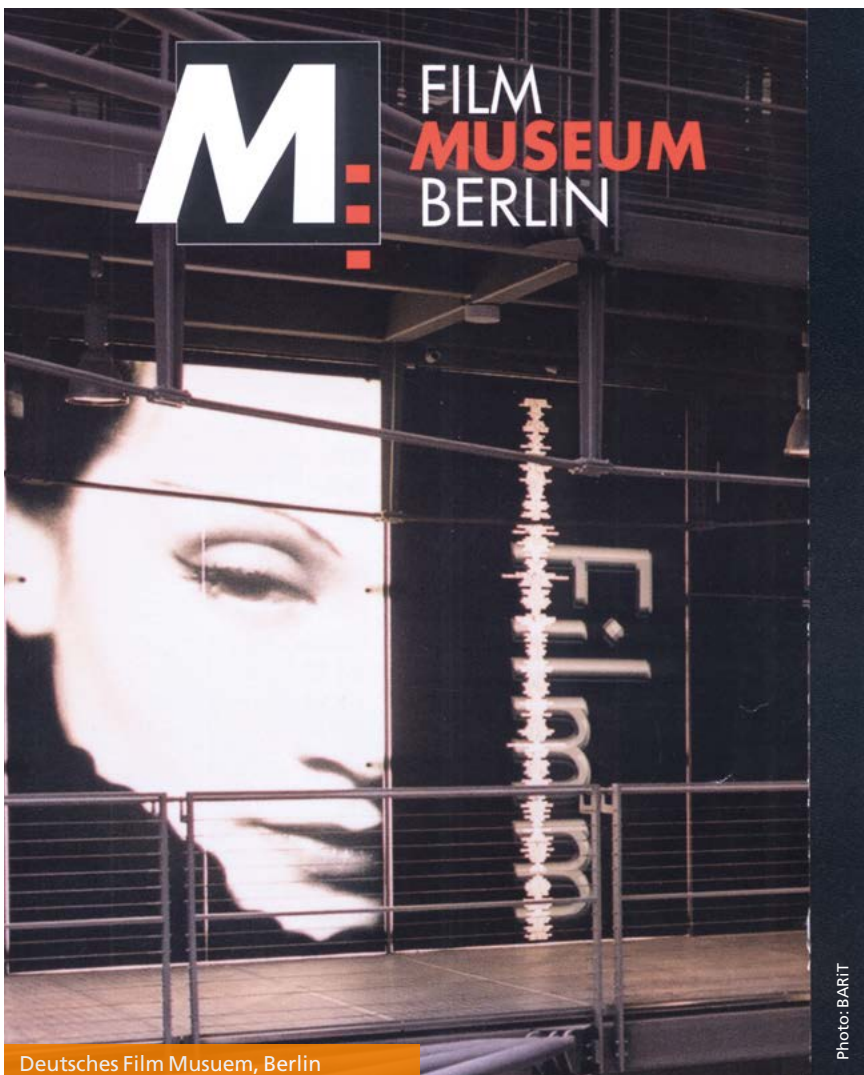


Photo: BARiT

Deutsches Film Musuem, Berlin

DEFINITION AND PURPOSE

BARiT SEALS are perfect for accentuating the loft-like character of a mineral subfloor.

Polished screed is transformed into genuine designer floors through the transparent BARiT SEALS.

BARiT SEALS are used to create designer floors with a transparent or coloured appearance.

Thus, it is protected against the ingress of contaminants and dust collection caused by abrasion is prevented. Similarly, a sealed floor is water-resistant and can be cleaned and maintained more easily.

A coloured coating creates a lively habitat; a transparent order creates a purist concrete look. The colour range is supplemented by various degrees of gloss.

Quick Info

- seamless
- dust binding
- mechanically and chemically resistant
- low abrasion
- easy to clean
- low emissions according to AGBB
- declared according to DGNB and LEED

APPEARANCE

BARiT SEALS can be applied transparently or pigmented, in satin or matte, depending on the system used for application. Different degrees of gloss are also possible: Matte, satin, glossy.



FEATURES

Type: EXW, pigmented or transparent

The pigmented EXW-Sealant is a two-component system based on a color pigmented, water-dilutable, epoxy resin.

Based on „Building green“ this surface coating has achieved 7.5 out of a possible 10 points for LEED and DGNB. It is extremely low emission, solvent-free and therefore emits very minimal odor during application. Full coverage with the sealant is achieved by repeated applications. After 2 – 3 coats, the layer's thickness can be measured at up to 0.5 mm.

Type: D1-55

BARiT Sealant - Type: D1-55, is a transparent, high-gloss, two-component system based on polyurethane resin, which is characterized by good light resistance as well as chemical resistance.

Type: DW11

BARiT Sealant - Type: DW11, is a transparent or pigmented, matte, two-component system based on polyurethane resin, which is characterized by good light resistance as well as chemical resistance.

BARiT sealants are water, oil and petrol resistant, as well as resistant to a variety of alkalis, diluted acids and salt solutions.

For high temperature exposure, BARiT Sealants can handle temperatures between 95 °C and 150 °C temporarily.



TYPE	EXW	D1-55	DW 11
Binding agent	2-K-EP-resin, emulsified water	2-K-PUR-resin, in organ. solvents	2-K-PUR-resin, dispersed water
Consumption/m ²	100-150 g / process	70-100 g / process	70-100 g / process
Colour shade	colorless/pigmented	colorless/ pigmented	colorless/pigmented
Grade of gloss	silk gloss	high gloss	mat / silk mat
Bending tensile strength DIN 1164**	-	-	-
Compression strength DIN 1164**	-	-	-
Adhesive pull strength DIN EN 24624	> 1 N/mm ²	> 1 N/mm ²	> 1 N/mm ²
Light-fastness	not UV resistant	conditionally resisting to UV	conditionally resisting to UV
DGNB / LEED	declaration 7,5 point	-	declaration 7,5 point
VOC Emission	Meets the requirements of AgBB	Meets the requirements of AgBB	Meets the requirements of AgBB
Light-Temperature resistance	95 °C temporarily 70 °C consistently	150 °C temporarily 120 °C consistently	150 °C temporarily 120 °C consistently
Chemical resistance	to resistance list and self test	to resistance list and self test	to resistance list and self test
Working under conditions of:			
air humidity	40 - 85 %	40 - 85 %	40 - 85 %
residual moisture of the ground	4 - 10 %	4 - 10 %	4 - 10 %
ground temperature min.	10 °C	10 °C	10 °C
ground temperature max.	22 °C	22 °C	22 °C
Curing time at 20°C:			
not sticky	after 4 hours	after 5 hours	after 5 hours
walking admissible	after 16 hours	after 8 hours	after 8 hours
final hardness	after 7 days	after 4 days	after 4 days
Mechanical stability	after 7 days	after 24 hours	after 24 hours
Cleaning	BARiT Cleaner*	BARiT Cleaner*	BARiT Cleaner*

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

* according to cleaning and care instructions