



Photo: BARiT

BARiT PHARMA-TERRAZZO | Clean Room Floor

Quarantine Station, Tierheim Stuttgart



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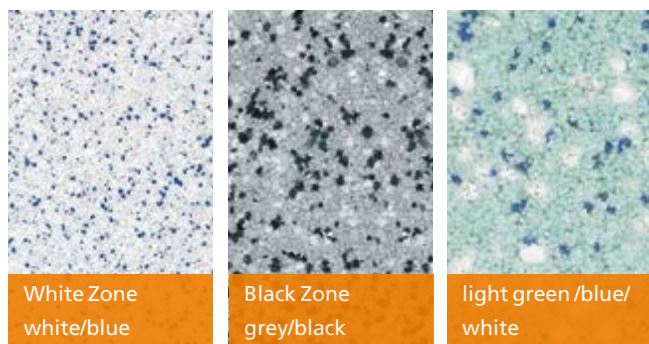
Krankenhaus La Colline, Genf

## DEFINITION AND PURPOSE

A jointless and non-porous floor coating offers hygienic and microbacterial security. For this purpose, BARiT has developed PHARMA-TERRAZZO which consists of waterborne epoxy resin and granulates coated colourfast with polyurethane resin. An 8- 10 mm thick layer thereof is to be integrated. Some finish allows, moreover, to walk thereon without slipping.

## Quick Info

- jointless
- in line with GMP and FDA for classes B, C and D
- non-porous
- aesthetic
- antiskid to BGR 181 R9
- chemical resistance
- mechanical resistance
- almost no abrasion
- easy cleaning and disinfection



## APPEARANCE

The ideal starting point for aesthetic appearances, the product expertise that is the hallmark of BARiT has always been greatly valued. The timeless design of the PHARMA TERRAZZO is accented by the quality of the granules. A separation of production areas into black, gray and white zones is just as natural as specialized granules for areas over 500 m<sup>2</sup>.

## FEATURES

PHARMA-TERRAZZO is made of water-clear, epoxy resin and polyurethane coated colorfast granules and is installed in a layer 8 - 10 mm thick. In addition, its finish provides for anti-slip movement and easy decontamination.

The synthesis of both high-quality materials and a professional laying technique provides for a surface, which is equipped with good mechanical and chemical resistance. The structure of PHARMA TERRAZO ensures high resistance to wear. With direct bonding to the underlying surface, it withstands both static and dynamic loading and unloading and maintains, even with forklift traffic, a low abrasion.

PHARMA TERRAZZO meets the requirements set for surface cleanliness in accordance with VDI 2083, Sheet 4, as well as for the FDA and GMP. The seamless and non-porous surface of PHARMA TERRAZO guarantees sterility and easy cleaning and disinfection. For this purpose we offer BARiT Cleaner, which is specifically designed to clean and care for our products.

The durability of this surface is based on the entire underlying structure. To install PHARMA-TERRAZZO correctly, BARiT's services include the installation of the subflooring as well as the drainage system with sterile floor drains.

TYPE	PHARMA-TERRAZZO
Binding agent	EP-resin
Fillers	granulate
Solid matters	100 %
Flash point	> 100 °C
Consumption/m <sup>2</sup>	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 <sup>2</sup>
Compression strength DIN 1164**	> 40 N/mm <sup>2</sup>
Adhesive pull strength DIN EN 24624	> 2 N/mm <sup>2</sup>
Light-fastness	conditionally resisting to UV
VOC Emission	Meets the requirements of AgBB
Anti-slip Class DIN 51 130	R9, R11, R12
Barefoot Suitability DIN 51097	B and C
Temperature resistance	100 °C temporarily -30 °C bis +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
Cleaning and Disinfection	validated with test results



Round Stainless steel drain embedded in urine resistant PHARMA TERRAZO

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

\* according to cleaning and care instructions