



Photo: BARIT

BARiT INDUSTRY-TERRAZZO | Industrial Floors

Klosterbrauerei Andechs, Andechs



Porsche Zentrum, Mannheim

Photo: BARIT

DEFINITION AND PURPOSE

In industrial buildings, floor coatings have to endure utmost mechanical loads. For this purpose, INDUSTRY TERRAZZO consists of aluminium oxide abrasive, high-quality water-white epoxy resin and granulates coated colour-fast with polyurethane resin packed mechanically in a layer of 8 — 10 mm thickness.

Quick Info

- jointless
- silent and vibration-free travelling
- non-porous
- aesthetic
- antiskid to BGR 181 R9
- resisting la chemical and mechanical loads
- almost no abrasion
- easy cleaning and disinfection



Hagesüd Interspace Gewürzwerke GmbH + Co., Hemmingen

Photo: BARIT



brown/white

red/white

black/grey

APPEARANCE

The timeless look of the INDUSTRY-TERRAZOS is determined by the quality of the granules. An installation in black / gray is not only aesthetically pleasing, but also insensitive to dirt.

FEATURES

The INDUSTRY-TERRAZO consists of fused aluminum oxide, high-quality water-clear epoxy resin, and polyurethane coated colorfast granules, which is installed in a layer of 8 – 10 mm thick. An affordable option is the mechanical installation using natural or colored sands.

INDUSTRY-TERRAZO provides for good chemical resistance. It is resistant against a variety of alkalis, diluted acids, salt solutions, mineral oils, as well as lubricants and fuels.

The structure of the INDUSTRIAL Terrazzos 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.

In addition, due to the seamless surface, transport equipment can move more silently and vibration-free. A matte finish allows for non-slipping movement. For safety, INDUSTRY-TERRAZO can be installed according to different non-slipping classes according to BGR 181 from levels R 9 to R 12.

The seamless surface of INDUSTRY-TERRAZO allows for easy cleaning. For this purpose we offer BARiT Cleaner, which is specifically designed with its degreasing action to clean and care for our products.

The durability of the coating is based on the structure of the entire subflooring. To install INDUSTRY-TERRAZO correctly, BARiT's services include the installation of the subflooring as well as the drainage system.

TYPE	INDUSTRY-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 51 130	R9, R11, R12
Barefoot Suitability DIN 51097	B and C
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



Interrupting Element with a small triangular base/plinth