



Photo: BARiT

BARiT HRL-COATING | Industrial Floors

Marburger Tapetenfabrik GmbH + Co. KG,
Kirchhain



Photo: BARiT

Sigloch Buchbinderei GmbH + Co. KG, Künzelsau

DEFINITION AND PURPOSE

High storage shelves require floor coatings of utmost plane levels. BARiT COATING type HRL consists of a self-levelling 2-components system based on solvent-free epoxy resin packed with mineral fillers and inorganic pigments.

Quick Info

- jointless
- most levelness precision
- antiskid of mat surface to BGR 181 R9
- mechanical / chemical resistance
- almost no abrasion
- resisting to compression and strong to impacts
- Fire classification Cfl-s
- easy cleaning



APPEARANCE

BARiT RESIN-COATING - Type: HRL, can be installed in a glossy or matte finish based on the BARiT color chart.

However, 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

BARiT RESIN-COATING - Type: HRL, is a two-component epoxy system based on a solvent and plasticizer free epoxy resin, enriched with mineral fillers and inorganic pigments. With self-leveling materials, surfaces with exacting accuracy can be installed in accordance with DIN 15185. The leveled flatness can be measured from 0.5 mm to 1 mm over a coverage distance of 1 m.

The structure of HRL industrial flooring and a proper laying technique ensure a coating with low abrasion, which is equipped with good mechanical and chemical resistance. Likewise, HRL industrial flooring is resistant to a variety of alkalis, diluted acids, salt solutions, mineral oils, as well as lubricants and fuels. The flooring's thickness of 2 – 4 mm gives HRL-BELAG a strong mechanical stability.

For temperature exposure, this flooring can handle 120 °C temporarily, 40 °C consistently.

TYPE	HRL-COATING
Binding agent	2-K-EP-resin
Fillers	inorganic/inert
Solid matters	100 %
Flash point	> 55 °C
Consumption/m ²	ca. 1,4 kg/mm
Colour shade	BARiT card of colours
Grade of gloss	glossy or mat
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	with finish conditionally resisting to UV
Temperature resistance	70 °C consistently
Chemical resistance	to resistance list and self test
Working under conditions of:	
air humidity	40 - 65 %
residual moisture of the ground	< 3 %
ground temperature min.	18 °C
ground temperature max.	25 °C
Curing time at 20°C:	
not sticky	after 16 hours
walking admissible	after 2 days
final hardness	after 7 days
Mechanical stability	after 7 days
Cleaning	BARiT Cleaner*

** with prism method - according to AGI Worksheet A 80 and BEB worksheets KH 3/KH 4

* according to cleaning and care instructions



Wall Connection with Channeling