



Photo: BARiT

BARiT ANTISKID | Industrial Floors

Vector Informatik, Stuttgart-Weilimdorf



Photo: BARiT

Möbel Rieger, Esslingen

DEFINITION AND PURPOSE

For prevention of accidents in areas outside the kitchen; BARiT has developed the ANTI-SKID coating which consists of solvent-free epoxy resin and polyurethane resin serving as a protective coating. ANTISKID is packed with mineral fillers, inorganic pigments and integrated in aluminium oxide abrasive.

Quick Info

- jointless
- skid impeding to BGR 181 R11/R12
- mechanical stability
- stability under chemical loads
- almost no abrasion
- resistant to compression and strong to impacts
- easy cleaning



TYPE	ANTISKID
Binding agent	2-K-EP-resin
Fillers	aluminum oxide abrasive, inorganic/inert
Solid matters	99 %
Flash point	> 100 °C
Consumption/m ²	2 kg/mm
Colour shade	anthracite or coloured layer to BARiT card of colours
Grade of gloss	silk gloss 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	conditionally resisting to UV
Temperature resistance	-30 °C to +70 °C
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.	15 °C
ground temperature max.	25 °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 80 and BEB worksheets KH 4

* according to cleaning and care instructions

APPEARANCE

ANTISKID can be installed with a matte or satin gloss surface based on the color chart. However, a coating must not always be neutral and sober. Markers may be useful as indicators for escape routes or restricted zones. Specialized colors are available for areas over 500 m² on request.

FEATURES

BARiT COATING - Type: ANTISKID, is a two-component system based on a solvent-free epoxy and polyurethane-based resin for the outer layer, enriched with mineral fillers, inorganic pigments and integrates fused aluminum oxide.

Due to the slip resistance factor of R 11 / R 12 as according to the accident prevention regulations of BGR 181, BARiT-ANTISKID ensures a non-slip working space in outdoor areas.

The synthesis of both a professional laying technique and the structure of the coating provides a surface with low abrasion, which is equipped with good mechanical and chemical resistance. This coating is resistant to a variety of alkalis, diluted acids, salt solutions, mineral oils, as well as lubricants and fuels. The coating layer's installed thickness is 1.5 - 2.5 mm. For outdoor use the temperature limits for BARiT ANTISKID range from - 30 ° C and + 70 ° C. It corresponds to OS 8 of the German Committee for Reinforced Concrete (DafStb) Regulations for the „Protection and repair of concrete structures.“



Pavement Markers