



Photo: BARiT

## BARiT CONCRETE/SCREEDS | Floor construction

### DEFINITION AND PURPOSE

Longevity of BARiT coatings is assured by the whole floor structure. Our services also provide for placing of concrete and screeds, either composite, in separate layers or „floating“. There are flow means, reinforcements and some modern operational incorporation method to assure good densification and evenness.

### FEATURES

**BARiT CONCRETE**  
BARiT CONCRETE consists of a concrete formula that contains additional plasticizers for good sealing. By using a vacuum method along with hard aggregate mixtures, high strength is produced. The use of a laser screed device for installation of areas with increased accuracy is as natural as the use of steel fiber technology.

**BARiT SCREEDS**  
BARiT SCREEDS can be applied to a prepared concrete base. To avoid adhesion problems, the surface is cleaned, pellet-blasted or milled and then treated with a bonding agent.  
BARiT Release Liner Flooring is applied on top of a polyethylene sheet.  
Floating BARiT CONCRETE utilizes the integration of sound insulation as well as thermal insulation.

### APPEARANCE

For BARiT RESIN Coatings the surface structure can be installed, depending on future use, from smooth for transparent waterproofing to slightly roughed / non-slip by pellet-blasting. The addition of steel or polypropylene fibers is used to minimize crackling and shrinkage cracks.

### Quick Info

- plane
- minimized cracking
- high consistency
- good density
- tailored sloping

TYPE	1	2a	2b	3a	3b
Supporting ground:	cement concrete to DIN 1045	cement-bonded creed	concrete layer to DIN 1045	cement on separating layer and/or „floating“	concrete layer to DIN 1045
Thickness of layer	to engineer's calculations	max. 8 cm	8 – 12 cm	max. 8 cm	8 – 12 cm
Stability	> C25	> CT-C36-F7	> C25	CT-C36-F7-5 C36-F7-T	> C26
Lower limit	Foil towards ground*	Compound	Compound	Compound	Separating layer
Levelness to DIN 18 202, page 3, table 3	Line 2, if necessary Line 3	Line 3, if necessary Line 4	Line 3, if necessary Line 4	Line 3, if necessary Line 4	Line 3, if necessary Line 4
Surface condition for BARiT-TERRAZZO BARiT-Coating BARiT-Impregnation und Sealing	good grip - slightly rough slightly rough smoothed and roughened	good grip - slightly rough slightly rough smoothed and roug- hened	good grip - slightly rough slightly rough smoothed and roug- hened	good grip - slightly rough slightly rough smoothed and roug- hened	good grip - slightly rough slightly rough smoothed and roughened



Installation of a composite surface in a industrial kitchen

