



Photo: BARiT

## BARiT CLEANROOM WALL COATING | Cleanroom Wall



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### DEFINITION AND PURPOSE

BARiT WALL COATING FOR CLEAN ROOMS meets with the requirements of pharmaceutical and cosmetic industries, clean-room technology and of hospitals. Any existing tiled walls or outer walls of concrete or plaster being reinforced by some fabric may be coated just as e.g. some new walls of plaster board or even of particle boards. .

### Quick Info

- jointless
- non-porous
- aesthetic
- plane surface
- chemical resistance
- wipable
- easy cleaning and disinfection



TYPE	CLEANROOM WALL COATING
Binding agent	2-K-EP-resin, emulsified water
Fillers	inert
Flash point	-
Consumption/m <sup>2</sup>	150-200 g/ process
Colour shade	BARiT card of colours
Grade of gloss	silk gloss and mat
Bending tensile strength DIN 1164	-
Compression strength DIN 1164	-
Adhesive pull strength DIN EN 24624	> 1,0 N/mm <sup>2</sup>
Light-fastness	conditionally resisting to UV
Temperature resistance	95 °C temporarily 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.	10 °C
ground temperature max.	22 °C
Curing time at 20°C:	
not sticky	after 6 hours
final hardness	after 7 days
Mechanical stability	after 4 days
Cleaning	BARiT Cleaner*

can be decontaminated and fumigated (H<sub>2</sub>O<sub>2</sub>)  
\* according to cleaning and care instructions

## APPEARANCE

The ideal starting point for aesthetic appearances, the product expertise that is the hallmark of BARiT has always been greatly valued. BARiT CLEANROOM WALL COATING is visually distinguishable by its consistent coverage and high resistance to light. The surface can be coated in a matte or satin finish according to a selection from the BARiT color chart. Specialized colors are available for areas over 500 m<sup>2</sup>.

## FEATURES

BARiT CLEANROOM WALL COATING is a two-component system based on solvent-free, epoxy resin that is enriched with mineral fillers and inorganic pigments, which are combined to improve the flexibility and elasticity of the polyurethane resin.

Due to the layer's thickness of Ø1.5 mm, the use of high quality materials and professional laying technology, the wall coating is resistant against abrasions and chemicals.

BARiT CLEANROOM WALL COATING meets the requirements set for surface cleanliness in accordance with VDI 2083, Sheet 4, as well as for the FDA and GMP. Interrupting elements such as windows and doors can be integrated seamlessly. Without corners and edges the wall coating can be connected to BARiT FLOORING by using a channel or a triangular base/plinth. The seamless and non-porous surface of BARiT CLEANROOM WALL COATING can easily be sprayed down for cleaning and disinfection.



Coving