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BARiT SEALINGS/ IMPREGNATIONS
TYPE: EXW/D1-55/PW11 | Industrial Floors

Möbel Rieger, Esslingen



Photo: BARIT

Salutas Pharma GmbH, Barleben

DEFINITION AND PURPOSE

BART IMPREGNATIONS are used to consolidate mineral grounds such as concrete floors or screeds. Or to close the pores thereof. Impregnation contributes to higher resistance and elimination of dust due to abrasion.

Quick Info

- jointless
- dust Binding
- mechanical and chemical stability
- easy cleaning
- colorless or pigmented

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TYPE: EXW D1-55 PW11 | Industrial Floors

APPEARANCE

BARiT SEALINGS can be applied transparently or pigmented, in satin or matte, depending on the system used for application. Different degrees of gloss are also possible: Matte, satin, glossy. The BARiT SEALING EXW can also be used as a waterproofing layer.

FEATURES

Type: EXW

BARiT SEALING - Type: EXW, is a transparent or pigmented, two-component system based on a water-dilutable, epoxy resin. For this reason waterproofing emits very low odor, and is neither flammable nor explosive.

Type: D1-55

BARiT SEALING - Type: D1-55, is a transparent, high-gloss, two-component system based on polyurethane resin, which is characterized by good light resistance as well as chemical resistance.

Type: PW11

BARiT SEALING - Type: PW11, is a transparent or pigmented, matte, two-component system based on polyurethane resin, which is characterized by good light resistance as well as chemical resistance.

BARiT Sealants are water, oil and petrol resistant, as well as resistant to a variety of alkalis, diluted acids and salt solutions. For high temperature exposure, BARiT Sealants can handle temperatures between 95 °C and 150 °C temporarily.

TYPE	EXW	D1 - 55	PW11
Binding agent	2-K-EP-resin emulsified water	2-K-PUR-resin in organ. solvents	2-K-PUR-resin dispersed water
Consumption/m ²	100-150 g/process	70-100 g/process	70-100 g/process
Colour shade	colorless/ pigmented	colorless	colorless/ pigmented
Grade of gloss	silk gloss	high gloss	mat / silk mat
Bending tensile strength DIN 1164**	-	-	-
Compression strength DIN 1164**	-	-	-
Adhesive pull strength DIN EN 24624	> 1,0 N/mm ²	> 1,0 N/mm ²	> 1,0 N/mm ²
Temperature resistance	not UV resistant 95 °C temporarily 70 °C consistently	150 °C temporarily 120 °C consistently	150 °C temporarily 120 °C consistently
Light-fastness	not resisting to UV	conditionally resting to UV	conditionally resting to UV
Chemical resistance	to resistance list and self test	to resistance list and self test	to resistance list and self test
Working under conditions of:			
air humidity	40 - 85 %	40 - 65 %	40 - 65 %
residual moisture of the ground	4 - 10 %	4 %	4 %
ground temperature min.	10 °C	10 °C	10 °C
ground temperature max.	22 °C	22 °C	22 °C
Curing time at 20°C:			
not sticky	after 4 hours	after 5 hours	after 5 hours
walking admissible	after 16 hours	after 8 hours	after 8 hours
final hardness	after 7 days	after 4 days	after 4 days
Mechanical stability	after 7 days	after 24 hours	after 24 hours
Cleaning	BARiT Cleaner*	BARiT Cleaner*	BARiT Cleaner*

** with prism method - according to AGI Worksheet A 80 and BEB worksheets KH 2

* according to cleaning and care instructions



This does not apply to D1-55 and DW11