

CERTIFICATE OF QUALITY**KEMA IMPREGNATOR POWDER**

Chemical concrete surface hardener in powder

PRODUCT DESCRIPTION

Special, 100% concentrated powdery concrete surface hardener, when diluted with water in the appropriate mixing ratio, ready-to-use product with equivalent properties as of the concentrate. The mixing ratio depends on the intended use. The result is a product that remarkable reduces freight costs (70-80%), and eliminates problems with freezing during transport and storage wintertime.

FIELD OF USE

For waterproofing, hardening and dust-proofing concrete floors. Protects the concrete floor from wear, staining and damage from petroleum, oil and other chemicals. The very good S_d -Values of final products ensure optimum water vapour permeability why excess moisture can evaporate. One effect of the treatment is that smooth concrete after some months will get a soft gloss (shine) as satin. Which process can be accelerated by honing or polishing.

PRODUCT DATA

Appearance	White powder (in liquid form colourless)
Packing	10 kg in plastic bucket / 330 kg (33x10 kg) onpallet 500 kg in 1000 litre container
Storage and expiration date	Minimum 12 months from date of production if stored properly in undamaged original sealed packaging in dry and cool conditions. Date of production is printed on packaging.

Technical data

Type of product	Modified organosilicon with stabilizer	
Bulk Density	0,5-0,6 kg/l	
Solids	100%	
Technical data for liquid (1:4)		
Bulk Density	1,1 kg/L	
Solids	20 %	
Adhesion strength	≥ 2 MPa (against concrete)	
Water absorption without impregnation	500 g/m ² h ^{0,5}	
Water absorption with impregnation	100 g/m ² h ^{0,5}	
Sd ekv. (H ₂ O)	0,005 m	
Tack-free time	1 hour (at 20°C and 50% R.H.)	
Penetration in depth	2-3 mm	
Abrasion resistance increasing	30%	
Compression strength increasing	25%	
Water vapour resistance factor	200	

TEST REPORT

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The document was issued with the intention to prove the quality of the product according to specific requirements.

Puconci, 13.12.2016

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