

## Water-dilutable impregnating agents

Product category	KORATECT®																
	EA-F	EA1	EA2	EA3	EA5	EA6	EA 7	EA8	EA9	EA10	EA11	EA12	EA13	EA14	EA15	EA18	EA23
Siloxane/silane		•		•		•		•		•			•				•
Silicone resin/siloxane			•						•								
Polysiloxane	•																
Silane							•									•	
Siliconates																	
Silicone resin		•			•												
Aminosiloxane											•	•		•	•		

## Water-dilutable impregnating agents

Product category	KORATECT®						
	C 1	HSC	HZS	AMF 1	AMF 2	KMS-A	KMS-A 2
Siloxane/silane							
Silicone resin/siloxane							
Polysiloxane							
Silane	•	•					
Siliconates			•			•	•
Silicone resin							
Aminosiloxane				•	•		

## Water-dilutable impregnating agents

Properties	KORATECT®												
	EA-F	EA1	EA2	EA3	EA5	EA6	EA7	EA8	EA9	EA10	EA11	EA12	EA13
Dilutable with water.	1% to 3%	undiluted 1% to 3%	1% to 5% or 1:9 or 1:100 to 1:200	1:4 to 1:9 or 1:2	10% for paint 3% to 4% for plasters	1:7 to 1:10	0.1% to 0.5%	1:5 to 1:11	1.5 % to 4 % or 1:5 to 1:10	1:4 to 1:7	1:7 to 1:10	1:100 to 1:200	1:7 to 1:10
Aggregate state	liquid	liquid	liquid	liquid	liquid	liquid	liquid	liquid	liquid	liquid	liquid	liquid	liquid
Appearance	white	white	white	white	white	white	white	white	white	white	white	white	white
Active substance (wt%) approx.	60	50	55	50	50	60	40	50	50	35	40	40	60
Density at 20 °C, for powders bulk density (g/cc)	1.00	1.04	0.99	0.95	1.04	0.95	0.95	0.95	0.95	1.00	1.00	1.00	1.00
Flash point (°C)	-	-	-	-	-	70	70	70	-	-	-	-	-
Shelf life (months)	12	6	9	9	6	12	9	9	12	12	12	9	12

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Properties	KORATECT®									
	EA14	EA15	EA18	EA23	C1	HSC	HZS	AMF 35	KMS-A	KMS-A 2
Dilutable with water	1:9	1:9	0.2 % to 0.5 %	0.1 % to 1.0 %	ready to use	ready to use	1:4, depending on moisture penetr. level	1.5% to 4% or 1:7 to 1:10	1:10 to 1:150	1:10 to 1:150
Aggregate state	liquid	liquid	liquid	liquid	pasty	pasty	liquid	liquid	liquid	liquid
Appearance	white	white	white	white	white	white	colourless	white	colourless	colourless
Active substance (wt%) approx..	30	50	50	60	80	80	37	35	28	34
Density at 20 °C	1.00	1.00	1.00	1.00	0.90	0.90	1.30	1.00	1.35	1.40
Flash point	-	-	-	-	64	64	-	-	-	-
Shelf life	12	12	12	12	12	12	12	12	24	24

## Water-dilutable impregnating agents

Application/substrate	KORATECT®												
	EA-F	EA1	EA2	EA3	EA5	EA6	EA7	EA8	EA9	EA10	EA11	EA12	EA13
Concrete alkaline		•		○		• MM	• MM	• MM	•	•			•
Concrete neutral		•		•		•	•	•	•	•	○	○	•
Roofing tiles				•		•	•	•	•	•	•	•	
Finishing plasters	○	•	•	○	•	•	○	•	•	○	•	•	
Exterior paint additive	•		•	•	•	•		•	•		○	○	
Aerated concrete				•		•	•	•	•	•			
Damp course											•	•	
Limestone				○		○	•	○	○	•	○	○	•
Clinkers, unglazed						•	•	•	•		○	○	
Light-weight concrete/pumice				•		○	•	•	○	•			
Granite											•	•	
Plasters	○	•	•	•	•	•	•	•	•	○	•	•	•
Terracotta											○	○	
Facing stone						•		•	•		○	○	
Bricks		•		○		•	•	•	•	○	○	○	•

• very well suitable

○ suitable

M suitable for mass waterproofing

**MM** very suitable for mass waterproofing

## Water-dilutable impregnating agents

Application/substrate	I								
	EA15	EA18	EA23	C1	HSC	HZS	AMF1/AMF2	KMS-A	KMS-A 2
Concrete alkaline		•	•	•	•				
Concrete neutral	○	•	•	•	•				
Roofing tiles	•			•	•				
Finishing plasters	•			○	○		•		
Exterior paint additive	○						•		
Aerated concrete				•	•				
Damp course	•					•		•	•
Limestone	○			•	•				
Clinkers, unglazed	○								
Light-weight concrete/pumice				•	•				
Granite	•							•	•
Plasters	•			○	○		•		
Terracotta	○								
Facing stone	○							•	•
Bricks	○			○	○			○	○

- very well suitable
- suitable

M suitable for mass waterproofing

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## Water-dilutable impregnating agents

### **KORATECT® EA-F**

Solvent-free, water-dilutable emulsion of a polysiloxane as a waterproofing agent for silicone and dispersion silicate paints.

### **KORATECT® EA1**

Solvent-free silicone resin / siloxane emulsion and developed as a hydrophobizing additive for porous building coatings. It is especially suitable for emulsion silicate paints and plasters.

### **KORATECT® EA2**

Aqueous, solvent-free emulsion of a polysiloxane modified with functional silicone resin. Waterproofing additive for water-based paints and plasters to increase water repellence, water resistance and water vapour permeability, to improve workability and anti-blocking behaviour.

### **KORATECT® EA3**

Aqueous, solvent-free silane/siloxane emulsion. Waterproofing agent and primer for mineral as well as alkaline substrates. Apply diluted with water.

### **KORATECT® EA5**

Aqueous, solvent-free silicone resin emulsion. Binding agent for the production of silicone resin paints and silicone resin plasters.

### **KORATECT® EA6**

Aqueous, solvent-free emulsion on a silane/siloxane base. All-purpose waterproofing agent and primer for a range of absorbent mineral as well as highly alkaline substrates in particular.

Apply undiluted or diluted with water. Very well suitable for mass waterproofing.

### **KORATECT® EA7**

Alkali-stable aqueous emulsion based on a functional alkyl-silane. Specifically, for use as a waterproofing agent in concrete, reinforced concrete or plasters and mortars.

### **KORATECT® EA8**

Aqueous, solvent-free emulsion on a silane/siloxane base. All-purpose waterproofing agent and primer for a range of absorbent mineral as well as highly alkaline substrates in particular. Apply undiluted or diluted with water. Very well suitable for mass waterproofing.

### **KORATECT® EA9**

Low viscous solvent-free emulsion of a silicone resin for the use as a water-thinable impregnating agent for facades and mineral based building materials. Also used as a water-thinable primer in combination e. g. with silicone resin or synthetic resin plasters.

### **KORATECT® EA10**

All-purpose, aqueous impregnating agent on a solvent-free emulsion based of siloxane and alkyl-alkoxy-silane. It is a water-dilutable facade impregnating agent and is characterized by good penetration into absorbent mineral building materials.

## Water-dilutable impregnating agents

**KORATECT® EA11**

Solvent-free emulsion based on an amino-functional polysiloxane. It is suitable as a hydrophobizing additive for paints and plasters as well for a direct treatment with different building materials.

**KORATECT® EA12**

Solvent-free emulsion of a modified polysiloxane and suitable as hydrophobizing additive for various types of water-based coating agents in the construction area.

**KORATECT® EA13**

An all-purpose, aqueous impregnating agent on a solvent-free emulsion based of alkyl-alkoxy-silane and siloxane.

**KORATECT® EA14**

Solvent-free emulsion of a modified polysiloxane and suitable as hydrophobizing additive for various types of water-based coating agents in the construction area.

**KORATECT® EA15**

Solvent-free emulsion of a modified polysiloxane and suitable as hydrophobizing additive for various types of water-based coating agents in the construction area.

**KORATECT® EA18**

Silane based emulsion suitable for the mass hydrophobization of large concrete volumes.

**KORATECT® EA23**

Silane/siloxane-based emulsion suitable for the mass hydrophobization of large concrete volumes.

**KORATECT® C 1**

Pasty, aqueous, solvent-free, silane-based waterproofing agent for cementitious surfaces. Approved by Federal Highway Research Institute (BASt).

**KORATECT® HSC**

Highly concentrated, thixotropic preparation for easy application as a damp course with anti-capillary effect.

**KORATECT® HZS**

Concentrate for creating damp courses against rising and penetrating moisture in brickwork.



## Water-dilutable impregnating agents

### **KORATECT® KMS-A**

Aqueous potassium methyl siliconate solution. Waterproofing agent for factory-produced limestone and building materials made of gypsum, porous concrete, clay and lightweight fillers.

### **KORATECT® KMS-A 2**

Aqueous potassium methyl siliconate solution. Waterproofing agent for factory-produced limestone and building materials made of gypsum, porous concrete, clay and lightweight fillers.

### **KORATECT® AMF1 / KORATECT® AMF2**

Solvent-free emulsion of a modified polysiloxane. Suitable as hydrophobizing additive for various types of water-based coating agents in the construction area.

Our technical advice whether spoken, written or through test trials is given to the best of our knowledge, is to be understood as non-binding in character and in relation to any possible industrial property rights of third parties; it is not a substitute for your, the buyer's, own tests and trials on the products supplied by us to determine whether they are suitable for the intended processes and purposes. The application, use and processing of the products are beyond our control and, therefore, entirely your own responsibility. In the event that a liability is nevertheless considered, any compensation will be limited to the value of the goods supplied by us and used by you. Of course, we guarantee the perfect quality of our products according to our general terms and conditions.

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