



Product list

IBZ-Salzchemie GmbH & Co.KG
Gewerbepark „Schwarze Kiefern“
D-09633 Halsbrücke
Germany

Tel.: +49 3731 200 157
Fax: +49 3731 200 156
e-mail: info@ibz-freiberg.de
[www.ibz-freiberg](http://www.ibz-freiberg.de)

product	application	item	unit
cleaning/ dilution/ other material			
Ethanol absolut	pre-treatment/ dilution/ cleaning	2-0-1000	1 litre
Isopropanol	pre-treatment/ dilution/ cleaning	3-0-1000	1 litre
1-Propanol	pre-treatment/ dilution/ cleaning	4-0-1000	1 litre
HCl 10%	cleaning	H-10-1000	1 litre
acetic acid 10%	cleaning	E-10-1000	1 litre
stone strengthening			
stone strengthener CaLoSiL[®] - nano lime (mean particle size: 150 nm)			
CaLoSiL[®] - nano lime (Ca(OH)₂) stable dispersed in ethanol			
<u>strengthening near surface</u>			
E5	treatment of fresco, powdering surfaces and pre-treatment of dense stones	2-5-500	0,5 litre
		2-5-1000	1 litre
		2-5-2500	2,5 litre
		2-5-5000	5 litre
		2-5-10000	10 litre
E25	strengthening of porous stones, mortars and plaster near the surface	2-25-500	0,5 litre
		2-25-1000	1 litre
		2-25-2500	2,5 litre
		2-25-5000	5 litre
		2-25-10000	10 litre
E50	strengthening of very porous undergrounds, filling of micro cracks	2-50-500	0,5 litre
		2-50-1000	1 litre
		2-50-2500	2,5 litre
		2-50-5000	5 litre
		2-50-10000	10 litre
<u>strengthening of deeper zones</u>			
IP5	treatment of fresco, powdering surfaces, less porous mortars, plaster and stones	3-5-500	0,5 litre
		3-5-1000	1 litre
		3-5-2500	2,5 litre
		3-5-5000	5 litre
		3-5-10000	10 litre
IP25	strengthening of porous mortars, plaster and stones	3-25-500	0,5 litre
		3-25-1000	1 litre
		3-25-2500	2,5 litre
		3-25-5000	5 litre
		3-25-10000	10 litre
<u>strengthening in deep zones</u>			
NP5	treatment of fresco, powdering surfaces, less porous mortars, plaster and stones	4-5-500	0,5 litre
		4-5-1000	1 litre
		4-5-2500	2,5 litre
		4-5-5000	5 litre
		4-5-10000	10 litre
NP25	strengthening of porous mortars, plaster and stones	4-25-500	0,5 litre
		4-25-1000	1 litre
		4-25-2500	2,5 litre
		4-25-5000	5 litre
		4-25-10000	10 litre

*please ask for other trading units and concentrations

product	application	item	unit
special products			
CaLoSiL[®] - grey	very good for strengthening of fresco and materials with an impressive surface without curing	5-G-500	0,5 litre
		5-G-1000	1 litre
		5-G-2500	2,5 litre
		5-G-5000	5 litre
		5-G-10000	10 litre
CaSoPal[®]	strengthening of porous undergrounds near the surface in combination with the elimination of algae, mildew and other microbiology growth; available also as 500 ml spray bottle	1-15-500	0,5 litre
		1-15-1000	1 litre
		1-15-2500	2,5 litre
		1-15-5000	5 litre
		1-15-10000	10 litre
CaLoSiL[®] - pasty	starting material of injection masses and repair mortars (higher content of Ca(OH) ₂ up to 300 g/L)	6-P-100	0,1 litre
		6-P-500	0,5 litre
		6-P-1000	1 litre
CaLoSiL[®] - micro	gluing of fragments, gluing of scales, material for the thickening of CaLoSiL [®] for the application of very coarse material (up to 120 g/L Ca(OH) ₂ - content; defined particle size: 1 - 3 µm)	7-M-100	0,1 litre
		7-M-500	0,5 litre
		7-M-1000	1 litre
SioXaL K	cationic silica in aqueous solution for after treatment of undergrounds treated with nano lime; thickener, filler, binder	SK-500	0,5 litre
		SK-1000	1 litre
		SK-2500	2,5 litre
SioXaL A15	anionic silica in aqueous solution for the sealing of surfaces; thickener, filler, binder	SA-15-500	0,5 litre
		SA-15-1000	1 litre
		SA-15-2500	2,5 litre
SioXaL A	anionic silica in aqueous solution for the sealing of surfaces; thickener, filler, binder	SA-500	0,5 litre
		SA-1000	1 litre
		SA-2500	2,5 litre
marble powder white			
1 - 5 µm	filler for CaLoSiL [®] , starting material of injection masses and fine mortars	MW-1-5-100	0,1 kg
		MW-1-5-500	0,5 kg
		MW-1-5-1000	1 kg
2,5 - 40 µm	filler for CaLoSiL [®] , starting material of injection masses and fine mortars	MW-2-40-100	0,1 kg
		MW-2-40-500	0,5 kg
		MW-2-40-1000	1 kg
5 - 25 µm	filler for CaLoSiL [®] , starting material of injection masses and fine mortars	MW-5-25-100	0,1 kg
		MW-5-25-500	0,5 kg
		MW-5-25-1000	1 kg
12 - 80 µm	filler for CaLoSiL [®] , starting material of injection masses and fine mortars	MW-12-80-100	0,1 kg
		MW-12-80-500	0,5 kg
		MW-12-80-1000	1 kg
23 - 160 µm	filler for CaLoSiL [®] , starting material of injection masses and fine mortars	MW-23-160-100	0,1 kg
		MW-23-160-500	0,5 kg
		MW-23-160-1000	1 kg
Test-Sets of CaLoSiL[®]			
sample box 1 "fresco"	content: 100 mL of E5, IP5, E25 grey and 20 ml CaLoSiL [®] pasty for tests at powdering and/or detached frescoes with small cracks	M-M-320	
sample box 2 "product line"	content: E25, E50, IP25, NP25 for tests of the best application material	M-S-400	0,1 litre (each)
		M-S-2000	0,5 litre (each)

product	application	item	unit
Test-Kit	tests with original material 2 culture dishes, 2 plexiglas rings, 2 droppers, 10 mL spray bottle phenolphthaleine, 100 mL E25, 100 mL Ethanol	TK-200	
Peeling test-kit	test-kit for characterisation of surfaces	PTS-10	10 piece

...after the strengthening

CaLoXiL- Injection grout	filling of cracks up to 2 mm and small bad reachable hollows, as protective coat for reinforcement	IM-100	0,1 litre
		IM-500	0,5 litre
		IM-1000	1 litre
CaLoXiL- Repair mortar	replacement of detachments, filling of larger hollows, connection of greater pieces	RM-500	0,5 kg
		RM-1000	1 kg
		RM-5000	5 kg
		RM-10000	10 kg
Lime glaze	combination of particle sizes 0,1 - 3 µm Ca(OH) ₂ dispersed in ethanol for aftertreatment and sealing of surfaces, shade with pigments possible	KL-1000	1 litre
		KL-5000	5 litre
		KL-10000	10 litre

Pre-investigation

analysis of material (original and dummy) in laboratory, combination of different products, advice for the optimal application

preinvestigation on site

applying of test areas at the object, test of different application techniques and product combinations, advice for the optimal application

study of strength

compressive and bending strength of DIN specimen of original and dummy material

compressive strength of individual specimen of original and dummy material

salt analysis

analysis of salt content of stones, plaster and mortars by extraction or from efflorescences

thermal analysis

analysis of contents of stones, plaster and mortars by thermal decomposition

training

training of the mode of action and application of stone strengthener

*prices not include VAT and shipping

Usually orders are ready for shipping within 5 working days.

Please ask for the prices of larger quantities / units.

Please ask for a specific quotation including VAT and shipping.