

TECHNICAL DATA OF STATICAL LIME GROUTH

Comp. A	
Appearance	powder
Colour	light
Bulk Density (kg/m3)	1400
Max diameter of aggregate (mm)	1,5
Chlorine content (EN 1015-17) (%)	less then 0,05
Hazard classification according to EC 1999/45	irritant
Comp. B	
Appearance	fluid liquid
Colour	white
Bulk Density (kg/m3)	1,02
Dry solid content (%)	10
Chlorine content (EN 1015-17) (%)	less then 0,05
Hazard classification according to EC 1999/45	none

APPLICATION DATA

Mixing ratio	1 original bag with 1 original canister
Consistency of mix	fluid - trowable
Density of mix (kg/m3)	1900
Thickness applied (mm)	from 3 to 10mm per coat
Application temp. Range	+5 oC to +35 oC
Pot life of mix	approx. 1 hour
Setting time (start/finish)	10 hours/20 hours

FINAL PERFORMANCE

Performance characteristic	test method	Requirements according to EN 998-1	Requirements according to EN 998-2	Performance of product
Compressive strength after 28 days	EN 1015-11	CS I(from 0,4 to 2,5) CSII (from 1,5 to 5,0) CSIII (from 3,5 to 7,5) CS IV (≥ 6)	from Class M 1(>1N/mm2) to Class M d (>25 N/mm2)	>15 (category CS IV) (Class M 15)
Bond strength to substrate (brickwork) (N/mm2)	EN 1015-11	declared value and failure mode (FP)	not required	>0,8 Failure mode (FP)=A
Initial shear strength (fvok) (N/mm2)	EN 1052-3	not required	chart value	0,15
Compressive modulus of elasticity (Gpa)	UNI EN 13412	not required	not required	8
Capillary action water absorption (kg/(m2.min -0,5))	EN 1015-18	from Category Wo to category W2	declared value	Category W 2 ≤ 0,2
Coefficient of permeability to water vapour (μ)	EN 1015-19	declared value	chart value	≤ 60
Thermal conductivity (W/m.K)	EN 1745	chart value	0,75	P - 50 oC
Reaction to fire Euroclass	EN 13501-1	value declared by manufacturer	value declared by manufacturer	Class E