

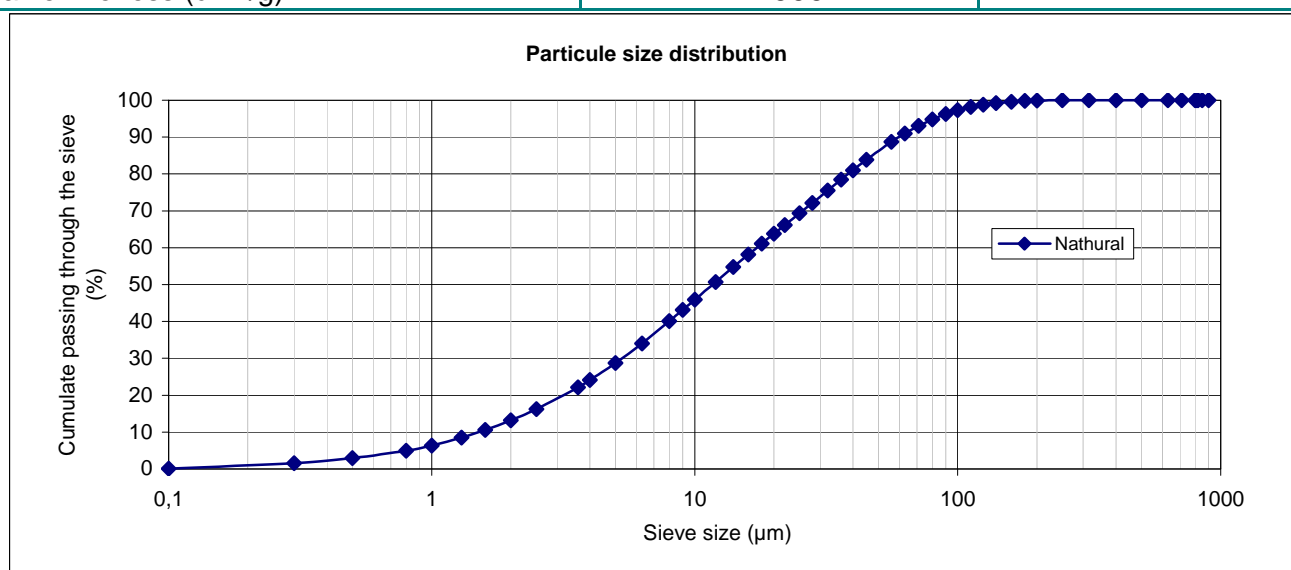
Composition

Natural Hydraulic Lime **100%**

Burning temperature around 1000 °C


Physical and mechanical properties

	Average values	
Water demand (%)	45	ACCORDING TO EN 459-2
Initial Setting Time (min)	350	
Final Setting time (min)	500	
28 day compressive strength (Mpa)	5	
Bulk density (kg/dm ³)	0,6	
Residue 0,09 mm (%) w/w	2	
Residue 0,2 mm (%) w/w	0,3	
Free lime (%CaO)	44	
Color : L*	92	Colorimeter
Blaine fineness (cm ² /g)	11000	Blainemeter



Chemical properties (%)

SiO ₂	13	XRF
Al ₂ O ₃	0,6	
Fe ₂ O ₃	0,2	
CaO	67	
MgO	0,5	
SO ₃	0,8	
K ₂ O	0,1	
Na ₂ O	0,05	
Free Water	0,7	ACCORDING TO EN 459-2
Loss of ignition (950 °C)	17	ACCORDING TO EN 459-2
C3A	1,4	Semi-quantitative XRD

 These values, extracted from our autocontrol are used to verify the conformity of our product to the standards specifications and provide an indication for additional characteristics. They are not undertakings a engagement on ongoing results.