

AG 4/8-370 - Substrates

Client : Quality Control Argex
0032/32.50.15.15

lab	
Aggregate Size	4/8 mm
Certifications	EN 13055 : EU Regulation (EU) No 2019/1009 (1/01/2004)

Essential char. - performance	Minimum	Average	Maximum	Declared	Standard
Particle Shape		Crushed			EN 13055
Loose Bulk Density (+- 25% of declared value)	278	371 kg/m ³	463	370	EN 12580
Water Absorption 5'	20.91	28.96 %	34.70		EN 1097-6 annex C
Water Absorption 1h	24.94	33.34 %	36.26		EN 1097-6 annex C
Water Absorption 24h	36.88	48.57 %	52.50		EN 1097-6 annex C
Cleanliness		Pass			EN 1744-1
Release Of Dangerous Substances		NPD			EN 13055
Reaction To Fire		Euroclass A1			EN 13501-1
As		13.98 mg/kg	40.00		EN 13650
Cd		0.50 mg/kg	1.50		EN 13650
Chloride		1.15 mg Cl/l	50.00		F & P
Cr VI		0.30 mg/kg	2.00		EN 15192
Cu		89.21 mg/kg	300.00		EN 13650
Fluoride		0.84 mg F/l	5.00		F & P
Hg		0.04 mg/kg	1.00		ISO 16772
Sodium		9.06 mgNa2O/l	50.00		F & P
Ni		34.52 mg/kg	100.00		EN 13651
Pb		30.34 mg/kg	120.00		EN 13650
Salt Content		0.20 gKCl/l	1.25		F&P
Zn		371.00 mg/kg	800.00		EN 13650
Electrical Conductivity		0.20 mS/cm			EN 13038
pH	5.50	7.62			F & P
pH	5.50	7.79			EN 13037

Grading (EN 933-1)				
sieve (mm)	mini	% passing	maxi	Declared
0.000		0.0		
0.063		1.6		
2.000		3.8		
3.150		5.8		
4.000	0	14	25	
6.300		68		
8.000	75	94	100	
10.000		100		

