



AM 4/8-700

Client : Quality Control Argex
0032/32.50.15.15

lab	Quality Control Argex 0032/32.50.15.15
Aggregate Size	4/8 mm
Certifications	EN 13055 : . (1/01/2004)

Essential char. - performance	Minimum	Average	Maximum	Declared	Standard
Particle Shape		Mix			EN 13055
Apparent Particle density		1879 kg/m ³			EN 1097-6 annex C
Crushing Resistance (T-2x30")	7.44	11.98 N/mm ²	15.43		EN 13055
Loose Bulk Density (+- 15% of declared value)	600	762 kg/m ³	800	700	EN 1097-3
Oven-Dried Particle Density (+- 15% of declared value)	1080	1356 kg/m ³	1380	1230	EN 1097-6 annex C
Saturated and surface dried particle density		1631 kg/m ³			EN 1097-6 annex C
Freezing & Thawing Resistance		2.3 %	3.3		EN 1367-7
Los Angeles + Micro Deval (4-6.3)		NPD			EN 1097-1 & 2
Los-Angeles (4-6.3)		NPD			EN 1097-2
Polished Stone Value		NPD			EN 1097-8
Volume Stability		0.22 %	0.50		EN 1367-8
Water Content (from silo)	0.0	8.1 %	15.0		EN 1097-5
Water Absorption 5'	7.40	8.50 %	9.35		EN 1097-6 annex C
Water Absorption 1h	11.98	13.34 %	14.44		EN 1097-6 annex C
Water Absorption 24h	19.10	20.35 %	21.80		EN 1097-6 annex C
Active alkalines content (Na ₂ O eq.)		0.026 %			LPC 37
Alkali - reactivity (qualification)		No Reactive (NR)			FD P18-542
Alkali Silica Reactivity		NPD			EN 13055
Chloride		0.001 %	0.010		EN 1744-1
Cleanliness		Pass			EN 1744-1
Release Of Dangerous Substances		NPD			EN 13055
Reaction To Fire		Euroclass A1			EN 13501-1
Total Sulphur		0.28 %	0.55		EN 1744-1
Acid-Soluble Sulfate		0.143 %	0.500		EN 1744-1

Grading (EN 933-1)				
sieve (mm)	mini	% passing	maxi	Declared
0.000		0.0		
0.063		0.2		
2.000		0.9		
3.150		3.0		
4.000	0.0	7.1	15.0	
6.300		49		
8.000	90	96	100	
10.000		100		

