

AG 4/8-370 - GEO

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 : DoP 2: EN 15732 NL BSB K73820 (1/01/2004)

Essential char. - performance	Minimum	Average	Maximum	Declared	Standard
Particle Shape		Crushed			EN 13055
Crushing Resistance (T-2x30")	0.67	1.29 N/mm ²	2.00		EN 13055
Loose Bulk Density (+- 15% of declared value)	315	390 kg/m ³	426	370	EN 1097-3
Freezing & Thawing Resistance		2.3 %	3.3		EN 1367-7
Water Content (from silo)	0.0	2.8 %	15.0		EN 1097-5
Water Absorption 5'	21.63	26.35 %	32.53		EN 1097-6 annex C
Water Absorption 1h	25.41	30.86 %	36.96		EN 1097-6 annex C
Water Absorption 24h	37.34	44.46 %	53.28		EN 1097-6 annex C
Water Absorption 28 days (long term water content)		70.00 %			EN 1097-6 annex C
Shear strength-static loading/Triaxial/ Angle of friction(°)	41.5	42.0	42.5	41	EN 15732
Cohesion, c'peak		0 kPa		0	EN 15732
Compressibility - C%		22.0 %			EN 1097-11
Compressive Creep (150 kPa - 24 hours) - Dry		0.08 %		0.14	EN 15732
Confined compressive strength - CS(2)		320 kPa		290	EN 1097-11
Confined compressive strength - CS(10)		620 kPa		580	EN 1097-11
Cyclic Compression (120 kPa) after 2.000.000 cycles - Dry		1.4 %		2	EN 15732
Shear Strength-cyclic loading/Triaxial Resilient modulus	170	210 MPa	250		EN 15732
Water Permeability		1.8 cm/s		1.8	EN 15732
Water Vapor Transmission (μ)		2		2	EN 15732
Release Of Dangerous Substances		NPD			EN 13055
Reaction To Fire		Euroclass A1			EN 13501-1

Grading (EN 933-1)					
sieve (mm)	mini	% passing	maxi	Declared	
0.000		0.0			
0.063		1.8			
2.000		4.5			
3.150		5.6			
4.000	0.0	9.3	15.0		
6.300		65			
8.000	90	95	100		
10.000		100			

