

# AG 4/8-370 - GEO

Client : Quality Control Argex  
 0032/32.50.15.15

<b>lab</b>	Quality Control Argex 0032/32.50.15.15
<b>Aggregate Size</b>	4/8 mm
<b>Certifications</b>	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")	0.85	1.54 N/mm <sup>2</sup>	2.00		EN 13055
Loose Bulk Density (+- 15% of declared value)	315	386 kg/m <sup>3</sup>	426	370	EN 1097-3
Freezing & Thawing Resistance		2.3 %	3.3		EN 1367-7
Water Content ( from silo )	0.0	5.4 %	15.0		EN 1097-5
Water Absorption 5'	22.75	27.13 %	32.42		EN 1097-6 annex C
Water Absorption 1h	27.43	32.39 %	39.40		EN 1097-6 annex C
Water Absorption 24h	44.34	47.66 %	52.49		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	43.0	45.0	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		BRL 9315			NL BSB K73820
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		4.6			
3.150		7.2			
4.000	0	13	15		
6.300		63			
8.000	90	94	100		
10.000		100			

