Argex NV
Kruibeeksesteenweg 162
2070 Burcht

Technical Sheet 2018
from 1/01/2018 to 30/06/2018

AG 4/8-370

***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 : 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	1.34 N/mm²	2.00		EN 13055
Loose Bulk Density (+- 15% of declared value)	315	397 kg/m³	426	370	EN 1097-3
Oven-Dried Particle Density (+- 15% of declared value)	655	795 kg/m³	886	770	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	2.1 %	15.0		EN 1097-5
Water Absorption 5'	20.35	25.83 %	32.90		EN 1097-6 annex C
Water Absorption 1h	23.79	29.94 %	37.29		EN 1097-6 annex C
Water Absorption 24h	35.42	42.46 %	52.48		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)		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		1.4 %		2	EN 15732
Shear Strength-cyclic loading/Triaxial Resilient modulus	170	210 MPa	250		EN 15732
Water Permeability		1 cm/s		1	EN 15732
Water Vapor Transmission (μ)		2		2	EN 15732
Alkali Silica Reactivity		NPD			EN 13055
Chloride		0.005 %	0.010		EN 1744-1
Cleanliness		Pass			EN 1744-1
Loss on Ignition		-0.18 %	0.50		EN 1744-1
Release Of Dangerous Substances		NPD			EN 13055
Reaction To Fire		Euroclass A1			EN 13501-1
Total Sulphur		0.09 %	0.55		EN 1744-1
Acid-Soluble Sulfate		0.041 %	0.500		EN 1744-1

Grading (EN 933-1)

sieve (mm)	mini	% passing	maxi	Declared
0.000		0.0		
0.063		1.4		
2.000		3.3		
3.150		4.2		
4.000	0.0	7.4	15.0	
6.300		61		
8.000	90	95	100	
10.000		100