

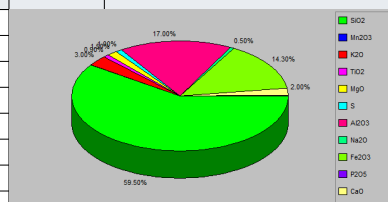
AH8/16-480

Product : Expanded Clay

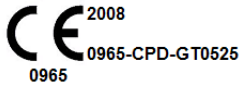
Client : Quality Control Argex
 Tel.: +32/32.50.15.08
 Fax: +32/32.50.15.28

Lab	
Aggregate Size	8/16 mm
Certifications	CE:F&P, EN 13055-2 : BSB NL (GR-019/1), ISO 9001:2000
CE:F&P, EN 13055-2	F & P: Dr Fisher and Prof Penningsfeld method
	Lightweight aggregates EN 13055
	-Part 2: Lightweight aggregates for bituminous mixtures and surface treatments and for unbound and bound applications

TESTS	Minimum	Average	Maximum	Declared	Standard
Particle Shape		Round			EN 13055-1
Crushing Resistance (T-2x30")		NPD*			EN 13055-1
Loose Bulk Density	408	506 kg/m ³	552	480	EN 1097-3
Particle Density	714	880 kg/m ³	966	835	EN 1097-6
Freezing & Thawing Resistance		3.3 %		4	EN 13055-1
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		0.12 %			EN 13055-1
Water Content	0.0	0.0 %	70.0		EN 1097-5
Water Absorption (5')	5.00	10.12 %	20.00		EN 1097-6
Water Absorption (30')	8.00	13.45 %	23.00		EN 1097-6
Water Absorption (24h)	19.00	26.54 %	34.00		EN 1097-6
Alkali Silica Reactivity		Not Relevant			EN 13055-1
Chemical Analysis Argex		100.00 %			
SiO ₂	55	59.50 %	65		
Mn ₂ O ₃	0.15	0.20 %	0.25		
K ₂ O	1.5	3.00 %	3.5		
TiO ₂	0.8	0.90 %	1		
MgO	1	1.50 %	2		
S	0.7	1.00 %	1.3		
Al ₂ O ₃	15	17.00 %	19		
Na ₂ O	0.3	0.50 %	0.7		
Fe ₂ O ₃	12	14.30 %	16		
P ₂ O ₅	0.05	0.10 %	0.15		
CaO	1	2.00 %	3		
Chloride		0.005 %		0.02	EN 1744-1
Cleanliness		OK			EN 1744-1
Emission Of Radioactivity		NPD*			EN 13055-1
Loss on Ignition		-0.18 %		5	EN 1744-1
Release Of Heavy Metals		NPD*			EN 13055-1
Release Of Other Dangerous Substances		NPD*			EN 13055-1
Release Of Polyaromatic Carbons		NPD*			EN 13055-1
Reaction To Fire		A1			EN 13501-1
Total Sulphur		0.594 %		0.8	EN 1744-1
Acid-Soluble Sulfate		0.078 %		0.8	EN 1744-1
Calcium		22.03 mgCaO/100g	120.00		F & P
Chloride		7.80 mg Cl/100g	10.00		F & P
Fluoride		0.90 mg F/100g	1.20		F & P
Magnesium		1.57 mgMgO/100g	15.00		F & P
Natrium		3.63 mgNa ₂ /100g	15.00		F & P
Electrical Conductivity		91.67 mgKCL/100g	250.00		F & P
PH	5.00	8.47	10.50		



NPD* = No Performance Determined



ARGEX NV

Kruibeeksesteenweg 227-229
B-2070 Burcht-Zwijndrecht
BELGIUM

Technical Sheet

du 1/01/2007 to 31/12/2007

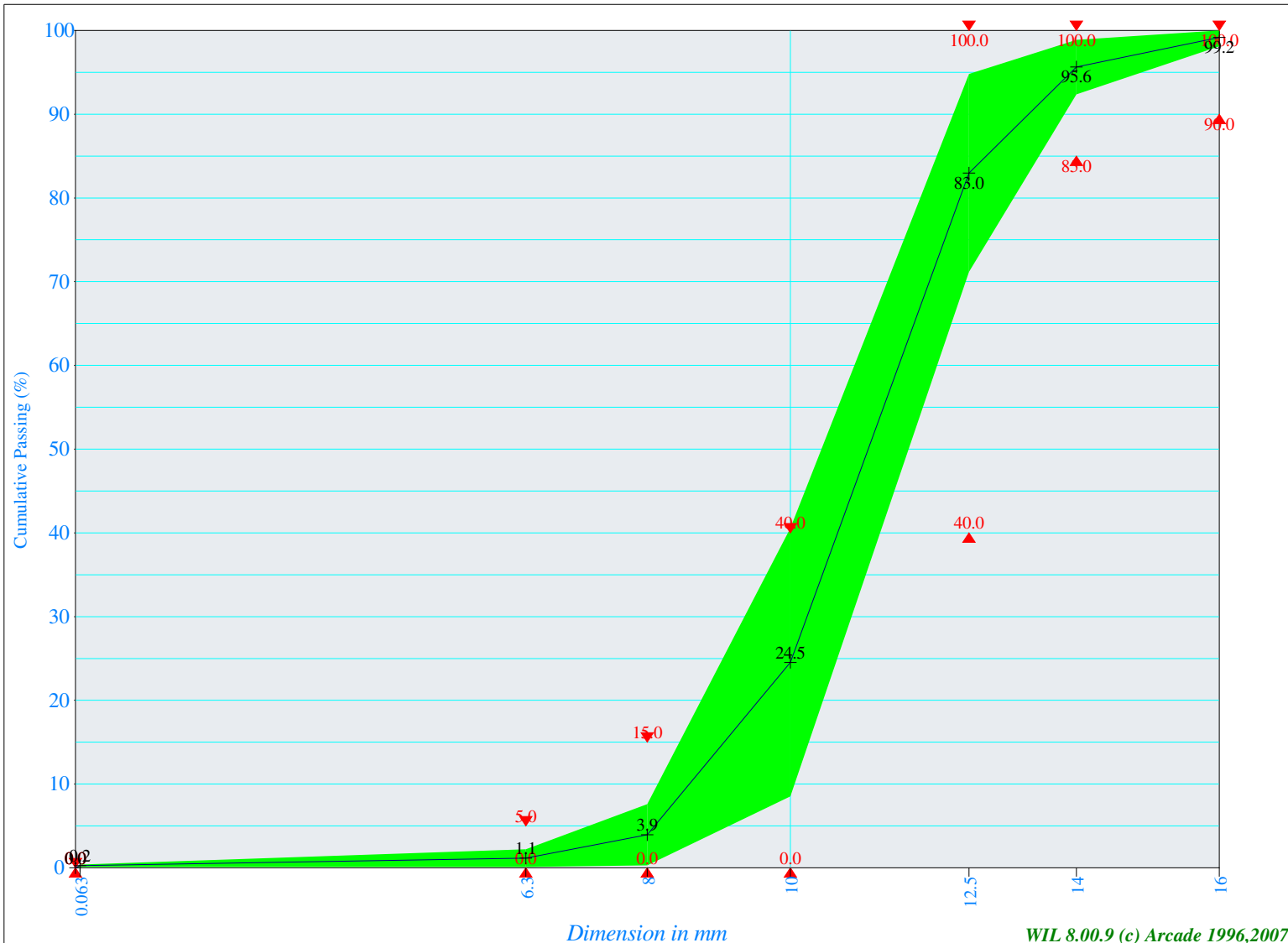
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Grading (Standard EN 933-1)		Minimum		Maximum		Declared	
Mass	Sieve (mm)	Minimum	% passing	Maximum	Declared	Minimum	Maximum
	0.000	0.0		0.0	0.0		
	0.063			0.2			
	6.300	0.0		1.1	5.0		
	8.000	0.0		3.9	15.0		
	10.000	0		25	40		
	12.500	40		83	100		
	14.000	85		96	100		
	16.000	90		99	100		



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