



CARDIGAN SAND AND GRAVEL CO LTD
CNWC Y SAESON SAND PIT PENPARC
CARDIGAN CEREDIGION WALES SA43 1RB

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BS EN 13043: 2013 AGGREGATES FOR BITUMINOUS MATERIALS				DECLARED GRADING	
				0/2 FINE AGGREGATE DESCRIBED AS	
				0/2 ASPHALT SAND FOR HOT ROLLED ASPHALT	
PROPERTIES	REPORTING METHOD	VALUE		Sieve size	% Passing
Particle shape (F1)	Declared value	NPD		4	100
Particle shape	Informative	Subrounded		2	94 ± 5
		Medium sphericity		1	79 ± 20
				.500	75 ± 20
Particle size d/D	Designation	0/2 FP		.250	45 ± 25
				.125	05 ± 05
				.063	f ₃ <03
Particle density (Mg/m³)	Declared value	Apparent 2.70			
Cleanliness					
Shell content (SC)	Declared value	<1.0%			
Fines quality (% MB,SE)	Pass/fail threshold	NPD			
Fines content	Designation	Category 1			
Fines	Designation	Coarseness/fineness FP			
Composition/content					
Chlorides (% C)	Declared value	<0.01%		BS EN 1774-1 1998 Cl.7	
Acid soluble sulphates (AS)	Category	AS _{0.2}		BS EN 1774-1 1998 Cl.12	
Total sulphur	Pass/fail threshold	NPD		BS EN 1744-1 1998 Cl.11	
Constituents which alter the rate of setting and the hardening of bituminous materials					
	Pass/fail threshold	NPD		BSEN 17744-1 1998 15.3	
Volume stability (%WS)	Pass/fail threshold	NPD			
Water absorption (WA)%	Declared value	WA ₂₄ 0.9%		BS EN 1096:2000	
Emission of radioactivity	Declared value	NPD		as requested	
Release of heavy metals	Threshold values valid in the place of use	NPD			
Release of polyaromatic carbons		NPD			
Release of other dangerous substances		NPD			
Durability against freeze-thaw (F or MS)	Declared value	NPD			
Durability against alkali-silica reactivity	Declared value	NPD		as requested	

Declaration of Conformity: Cardigan Sand and Gravel Co Ltd confirms that the aggregates described in these certificates comply with the requirements of EN 13043

Authorised by MJ Mc Gee Managing Director
 Valid from 1st May 2012 to Currently Valid
 Date of Certificate issue 24th May 2013