



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

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BS EN 13139: 2013 AGGREGATES FOR MORTARS			DECLARED GRADING	
PROPERTIES	REPORTING METHOD	VALUE		
Particle shape (F1)	Declared value	NPD	0/2 FINE AGGREGATE FP DESCRIBED AS :	
Particle shape	Informative	Subrounded	0/2 WASHED FINE MASONRY BUILDING SAND	
	Informative	Medium sphericity	FP FOR XS MULTIPURPOSE MORTARS FROM	
Particle size d/D	Designation	0/2 FP	PLANT F2 or	
Particle density (Mg/m ³)	Declared value	Apparent 2.70	0/2 PREMIUM WASHED FINE	
Cleanliness	Shell content (SC)	Declared value	MASONRY BUILDING SAND FOR XG	
	Fines quality (% MB,SE)	Pass/fail threshold	FACEBRICK MORTAR FROM PLANT F2 or	
	Fines content	Designation	Category 1	
	Fines	Designation	Coarseness/fineness FP	
Composition/content	Chlorides (% C)	Declared value	<1.0%	
	Acid soluble sulphates (AS)	Category	AS _{0.2}	
	Total sulphur	Pass/fail threshold	NPD	
	Constituents which alter the rate of setting and the hardening of mortar	Pass/fail threshold	NPD	Sieve size
				% Passing
	Volume stability (%WS)	Pass/fail threshold	NPD	4
2				
Water absorption (WA)%	Declared value	WA ₂₄ 0.9%	1	
			.500	
Emission of radioactivity	Declared value	NPD	.250	
			.125	
Release of heavy metals	Threshold values valid in the place of use	NPD	.063	
			Cat 1 < 03	
Release of polyaromatic carbons		NPD	BS EN 1774-1 1998 Cl.7	
			BS EN 1774-1 1998 Cl.12	
Release of other dangerous substances	e.g. Substance X: 0.2 µm ₃	NPD	BS EN 1744-1 1998 Cl.11	
			BSEN 17744-1 1998 15.3	
Durability against freeze-thaw (F or MS)	Declared value	NPD	BS EN 1096:2000	
			as requested	
Durability against alkali-silica reactivity	Declared value	NPD	DECLARED GRADING	
			0/2 FINE AGGREGATE FP DESCRIBED AS :	
			0/2 WASHED FINE MASONRY SAND FP	
			(FACEBRICK XG) PRODUCED FROM PLANT F1	
			Sieve size	
			% Passing	
			4	
			2	
			1	
			.500	
			.250	
			.125	
			.063	
			Cat 1 < 03	
			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 13139

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