

Certificate of Conformity Summary



1333-CPR-00134

Port Talbot - April 2022

Combinations of Regen GGBS supplied from Hanson Cement in combination with the CEM I Portland Cements and CEM II Portland Limestone Cements (PLC) listed below conform with the requirements of BS 8500-2:2015 over the indicated range of proportions. The compressive strength results are for tests carried out in accordance with BS EN 197-1 with 50% Regen GGBS in combination with the indicated CEM I Portland Cement and 20% Regen GGBS in combination with the indicated CEM II Portland Limestone Cements (PLC)

Portland Cement Source	Compressive Strength N/mm2		Regen GGBS Percentage Range					
			42.5L		32.5L		22.5	
	7 day	28 day	Min	Max	Min	Max	Min	Max
ABERTHAW PLC	41.4	55.3	1	30	n/a	n/a	n/a	n/a
IETAPORQUERA PLC	40.9	56.2	1	30	n/a	n/a	n/a	n/a
ABERTHAW	32.0	51.4	14	65	49	80	74	80
ETTON	29.1	47.8	6	62	42	77	71	80
CAULDON 52.5N	31.7	52.8	6	62	51	76	70	80
PADESWOOD	32.3	51.0	6	63	46	79	72	80
UNSTEAD	28.1	50.6	29	68	55	80	76	80
RIBBLESDALE	30.6	49.6	25	60	50	77	68	80
RUGBY	31.7	54.0	6	64	53	78	72	80
EMONA	No	Sample	n/a	n/a	n/a	n/a	n/a	n/a
DUNBAR	21.9	49.6	17	49	46	79	70	80
CHATHAM LAGERDORF	34.0	53.9	28	68	59	79	74	80
PLATIN	23.6	48.5	6	64	45	80	74	80
COOKSTOWN	No	Sample	n/a	n/a	n/a	n/a	n/a	n/a
ALHANDRA 52.5R	27.8	52.7	6	66	53	80	74	80
IOPE	31.2	50.2	6	64	50	79	73	80
IMERICK	28.4	51.4	6	63	50	79	73	80
IONJOS	No	Sample	n/a	n/a	n/a	n/a	n/a	n/a
/ETAPORQUERA	30.6	52.3	6	61	45	77	71	80
ST. EGREVE	16.7	43.7	6	39	34	53	51	80
ALCANAR	26.8	54.0	25	60	54	80	76	80
AGAN	30.3	51.6	6	67	51	80	74	80
DUTAO	28.1	53.3	6	67	51	80	75	80
ETTON PLC	40.7	58.6	1	30	n/a	n/a	n/a	n/a
CEMENTOS MOLINS	No	Sample	n/a	n/a	n/a	n/a	n/a	n/a
IOPE PLC	38.8	55.3	1	30	10	n/a	n/a	n/a
DGGAZ	29.3	54.4	26	66	55	80	74	80
Comb	ination Desig	nation		Percentage I	Regen GGBS	3		
	(Table 1 BS 8500-2)		Not Less Than		Not More Than			
CIIA (With CEM I)		6		20				
CIIA (With PLC)		-						
			Depends on limestone content in cement					
CIIB-M			Depends on limestone content in cement					
CIIB-S			21			85		
CIIIA		36		65				
CIIIB		66		80				
L								
The Regen GGBS co	CIIIB ontained no ad		e als others th	an those peri	8 mitted accord	ing to BS EN	15167-1. I in law, no liab	ility ca

Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM National Technical Manager