Certificate of Conformity Summary

Teesside SF - August 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
DUNBAR	23.9	54.1	31	67	48	80	76	80
KETTON	31.8	51.4	6	65	49	77	72	80
CAULDON 52.5N	32.9	54.4	30	71	61	79	76	80
PADESWOOD	33.0	53.9	6	64	52	76	71	80
TUNSTEAD	29.9	50.9	22	63	55	75	69	80
RIBBLESDALE	31.2	52.6	16	66	54	76	72	80
RUGBY	32.3	54.0	6	64	56	75	71	80
GLASGOW LAGERDORF	No	Sample	n/a	n/a	n/a	n/a	n/a	n/a
PLATIN	31.7	52.3	6	61	51	73	68	80
COOKSTOWN	No	Sample	n/a	n/a	n/a	n/a	n/a	n/a
ALHANDRA 52.5R	34.2	57.8	36	69	58	80	75	80
HOPE	32.3	54.0	34	67	55	78	73	80
ALCANAR	35.8	56.0	35	69	59	79	74	80
LAGAN	31.7	54.6	24	68	57	78	74	80
OUTAO	33.0	53.9	6	71	65	79	75	80
RIBBLESDALE PLC	41.9	58.2	1	30	n/a	n/a	n/a	n/a
PADESWOOD PLC	44.4	60.4	1	30	n/a	n/a	n/a	n/a
HOPE PLC	41.0	55.1	1	30	n/a	n/a	n/a	n/a
OGGAZ	33.7	55.9	35	70	63	78	75	80

Combination Designation (Table 1 BS 8500-2)	Percentage Regen GGBS	
	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	35
CIIIA	36	65
CIIIB	66	80

The Regen GGBS contained no additional materials others than those permitted according to BS EN 15167-1.

Hanson Cement has used all reasonable care to ensure the information herein contained is accurate but to the extent permitted in law, no liability can be accepted by Hanson Cement for any loss, damage, cost or expense arising from any inaccuracy, whether due to negligence or otherwise.

Signed:

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