

**Certificate of  
CONFORMITY SUMMARY**

**TEESPORT**

Sample Period

**July 2018**

**Summary of All Cements**

1. Combinations of Regen GGBS supplied from Hanson Teesport in combination with the CEM I Portland cements listed below conform with the requirements of BS 8500-2:2015 over the indicated range of proportions.

The compressive strength results are for tests following the procedure given in EN 197-1 with 50% Regen GGBS in combination with the indicated CEM I Portland Cement.

Portland Cement Source	Compressive Strength N/mm <sup>2</sup>		GGBS Percentage Range					
			52.5 L		42.5 L		32.5 L	
	7 day	28 day	Min	Max	Min	Max	Min	Max
AGGREGATE INDUSTRIES GLASGOW	26.1	48.0	6	46	6	65	58	76
BREEDON HOPE	31.2	53.2	6	46	6	67	58	76
BREEDON MATAPORQUERA	34.0	59.6	34	55	6	72	66	79
CEMEX RUGBY	27.5	50.8	6	39	15	60	50	74
CEMEX STH. FERRIBY	26.4	49.2	n/a	n/a	6	51	30	76
HANSON KETTON	30.7	51.9	6	26	6	60	50	73
HANSON PADESWOOD	34.3	54.8	6	36	6	64	53	75
HANSON RIBBLESDALE	32.5	53.4	6	36	6	60	52	71
LAGAN KILLASKILLEN	28.6	51.0	6	22	6	61	53	73
NORCEM BREVIK	30.3	52.7	6	42	6	71	61	78
PREMIER CEMET LTD. PLATIN	29.0	50.0	6	43	6	63	55	74
TARMAC ABERTHAW	35.1	58.4	6	51	8	67	60	77
TARMAC DUNBAR	21.1	47.7	n/a	n/a	6	52	45	76
TARMAC TUNSTEAD	30.4	56.1	6	43	6	64	55	75
TITAN UK TITAN	25.1	48.7	6	34	15	60	51	73

These combinations count fully towards the cement content in concrete to BS 8500.

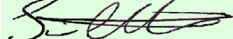
2. Combination Designation ( Table 1 BS 8500-2:2015 )

	Percentage GGBS	
	Not Less Than	Not More Than
<b>CIIS</b>	6	35
<b>CIIIA</b>	36	65
<b>CIIB</b>	66	80

The GGBS contained no additional materials other than those permitted.  
The above results and other tests demonstrate the conformity of the material sold during the month to the requirements of EN 15167-1:2006



1333 – CPD – 00212

Signed: 

S C Chudley National Technical Manager