



Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Ribblesdale Works
1333-CPR-00127



Cement Test Report

Hanson Cement
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Results of tests made at the laboratories of the company on samples of
Ribblesdale PC, BS EN 197-1:2011 - CEM I 52,5N

Dispatched from Ribblesdale during week ending
and during week ending

07-Aug-22 (Week No. 2022-31)

17-Jul-22 (Week No. 2022-28) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
01-Aug-22	395	135	1	35.0	50.0		0.07	0.69	0.01
02-Aug-22	400	140	1	35.5	50.0		0.07	0.69	0.01
03-Aug-22	400	145	2	34.0	47.5		0.07	0.69	0.01
04-Aug-22	360	135	1	33.0	47.0		0.07	0.69	0.01
05-Aug-22	395	170	1	31.5	47.0		0.07	0.69	0.01
Average	390	145	1	34.0	48.5		0.07		0.01
11-Jul-22	400	145	1	33.5	47.5	59.0	0.07	0.71	0.02
12-Jul-22	410	145	2	34.5	49.5	59.0	0.07	0.70	0.02
13-Jul-22	390	150	0	37.0	50.0	59.5	0.07	0.70	0.02
14-Jul-22	415	155	0	36.5	49.5	61.0	0.07	0.70	0.02
15-Jul-22	395	155	0	35.0	48.5	57.0	0.07	0.70	0.02
Average	400	150	1	35.5	49.0	59.0	0.07		0.02

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
HANSON CEMENT

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

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