



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

14-Aug-22 (Week No. 2022-32)
24-Jul-22 (Week No. 2022-29) 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)			
08-Aug-22	390	165	1	32.5	47.0		0.07	0.69	0.01
09-Aug-22	395	155	0	33.0	45.5		0.07	0.69	0.01
10-Aug-22	405	155	0	34.0	49.0		0.06	0.69	0.01
11-Aug-22	400	185	0	32.5	48.0		0.06	0.69	0.01
12-Aug-22	420	135	1	37.5	50.5		0.06	0.69	0.01
Average	400	160	1	34.0	48.0		0.06		0.01
18-Jul-22	415	150	1	36.5	50.5	60.5	0.07	0.70	0.02
19-Jul-22	380	145	0	36.0	49.5	59.5	0.07	0.70	0.02
20-Jul-22	430	130	1	34.0	48.5	59.0	0.07	0.69	0.02
21-Jul-22	410	150	0	37.0	52.0	60.5	0.07	0.69	0.02
22-Jul-22	410	145	1	38.0	50.5	58.0	0.07	0.69	0.02
Average	410	145	1	36.5	50.0	59.5	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

Hanson Cement has used all reasonable care to ensure the
information herein contained is accurate but to the extent
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any inaccuracy, whether due to negligence or otherwise.