



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
Ketton
Stamford
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

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

21-Aug-22 (Week No. 2022-33)
31-Jul-22 (Week No. 2022-30) 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)			
15-Aug-22	420	160	1	34.5	50.0		0.06	0.69	0.01
16-Aug-22	415	145	1	34.5	49.0		0.06	0.69	0.01
17-Aug-22	415	150	1	36.0	50.0		0.06	0.69	0.01
18-Aug-22	405	155	1	36.0	50.0		0.06	0.69	0.01
19-Aug-22	395	155	1	35.5	51.0		0.06	0.69	0.01
Average	410	155	1	35.5	50.0		0.06		0.01
25-Jul-22	410	155	0	36.0	48.0	62.0	0.07	0.69	0.02
26-Jul-22	385	155	1	36.0	51.0	61.5	0.07	0.69	0.02
27-Jul-22	410	145	0	36.5	51.0	62.0	0.07	0.69	0.02
28-Jul-22	380	130	1	35.0	49.5	63.0	0.07	0.69	0.01
29-Jul-22	380	135	1	35.5	49.5	60.0	0.07	0.69	0.01
Average	395	145	1	36.0	50.0	61.5	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.