



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

05-Feb-23 (Week No. 2023-5)
15-Jan-23 (Week No. 2023-2) 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)			
30-Jan-23	410	170	1	37.0	49.5		0.07	0.67	0.02
31-Jan-23	410	160	0	37.0	52.5		0.07	0.67	0.02
01-Feb-23	405	165	1	36.0	49.0		0.07	0.66	0.02
02-Feb-23	405	170	0	31.5	52.0		0.07	0.66	0.02
03-Feb-23	405	160	1	37.0	51.5		0.07	0.66	0.03
Average	405	165	1	35.5	51.0		0.07		0.02
09-Jan-23	430	140	1	34.0	46.0	63.0	0.06	0.67	0.03
10-Jan-23	410	135	1	35.0	49.0	61.5	0.06	0.67	0.03
11-Jan-23	415	135	1	36.0	49.5	62.5	0.06	0.66	0.03
12-Jan-23	395	130	0	35.5	50.0	62.5	0.06	0.66	0.03
13-Jan-23	420	135	1	35.0	50.0	60.5	0.06	0.66	0.03
Average	415	135	1	35.0	49.0	62.0	0.06		0.03

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
permitted in law, no liability can be accepted by Hanson
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any inaccuracy, whether due to negligence or otherwise.