



Hanson UK
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Maidenhead, Berkshire, SL6 8QZ
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

01-Oct-23 (Week No. 2023-39)
10-Sep-23 (Week No. 2023-36) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m ² /kg)	Initial (mins)	Expansion (mm)	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)			
25-Sep-23	395	160	1	32.5	45.0		0.06	0.65	0.05
26-Sep-23	400	145	1	33.0	45.5		0.06	0.66	0.05
27-Sep-23	400	165	0	32.5	45.0		0.06	0.66	0.05
28-Sep-23	395	140	1	33.5	46.5		0.06	0.67	0.05
29-Sep-23	395	150	1	33.5	47.0		0.06	0.67	0.05
Average	395	150	1	33.0	46.0		0.06		0.05
04-Sep-23	375	165	1	33.0	47.0	60.5	0.07	0.63	0.04
05-Sep-23	370	165	0	31.5	46.5	58.5	0.07	0.63	0.04
06-Sep-23	400	170	1	30.0	44.0	58.0	0.07	0.63	0.05
07-Sep-23	375	150	0	31.0	47.5	62.0	0.07	0.63	0.05
08-Sep-23	395	160	1	32.0	46.5	63.0	0.07	0.63	0.04
Average	385	160	1	31.5	46.5	60.5	0.07		0.04

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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