



Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Ribblesdale Works
1333-CPR-00248



Cement Test Report

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Results of tests made at the laboratories of the company on samples of
Ribblesdale PLC 52,5N, BS EN 197-1:2011 - CEM II/A-LL 52,5N

Dispatched from Ribblesdale during week ending 11-Sep-22 (Week No. 2022-36)
and during week ending 21-Aug-22 (Week No. 2022-33) 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)			
05-Sep-22	425	150	1	36.5	52.0		0.07	0.68	0.03
09-Sep-22	400	155	1	36.5	50.5		0.06	0.67	0.03
Average	415	155	1	36.5	51.5		0.07		0.03
15-Aug-22	440	165	0	34.5	47.5	56.5	0.06	0.69	0.03
19-Aug-22	435	165	1	35.5	49.0	60.0	0.06	0.69	0.03
Average	440	165	1	35.0	48.5	58.5	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

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