



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 17-Jul-22 (Week No. 2022-28)
and during week ending 26-Jun-22 (Week No. 2022-25) 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)			
11-Jul-22	445	140	1	34.0	44.0		0.06	0.70	0.03
15-Jul-22	420	155	1	34.0	46.0		0.06	0.70	0.03
Average	435	150	1	34.0	45.0		0.06		0.03
20-Jun-22	470	185	1	35.5	49.0	58.0	0.06	0.69	0.03
24-Jun-22	440	175	0	35.0	48.5	56.0	0.06	0.70	0.03
Average	455	180	1	35.5	49.0	57.0	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

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