



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



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 PLC 52,5N, BS EN 197-1:2011 - CEM II/A-LL 52,5N

Dispatched from Ribblesdale during week ending 09-Oct-22 (Week No. 2022-40)
and during week ending 18-Sep-22 (Week No. 2022-37) 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)			
03-Oct-22	425	170	2	36.0	51.5		0.07	0.66	0.04
04-Oct-22	440	185	1	37.0	51.5		0.06	0.66	0.04
05-Oct-22	430	195	1	36.5	53.0		0.06	0.65	0.04
06-Oct-22	430	195	1	38.5	52.5		0.06	0.65	0.04
Average	430	185	1	37.0	52.0		0.06		0.04
12-Sep-22	420	170	1	35.5	48.5	62.5	0.07	0.67	0.03
16-Sep-22	425	170	1	33.5	47.5	61.0	0.07	0.67	0.03
Average	425	170	1	34.5	48.0	62.0	0.07		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 Cement for any loss, damage, cost or expense arising from any inaccuracy, whether due to negligence or otherwise.