



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: 01330 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 13-Feb-22 (Week No. 2022-6)
 and during week ending 23-Jan-22 (Week No. 2022-3) 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)			
07-Feb-22	460	170	1	33.5	46.5		0.07	0.67	0.04
11-Feb-22	465	185	1	34.0	46.5		0.07	0.66	0.04
Average	465	180	1	34.0	46.5		0.07		0.04
17-Jan-22	405	155	1	38.5	50.0	58.5	0.07	0.67	0.06
21-Jan-22	415	160	2	35.5	47.5	57.0	0.07	0.67	0.06
Average	410	160	2	37.0	49.0	58.0	0.07		0.06

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.