



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  
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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 12-Feb-23 (Week No. 2023-6 )  
and during week ending 22-Jan-23 (Week No. 2023-3 ) for 28 day results

Date	Fineness Specific Surface (m <sup>2</sup> /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na <sub>2</sub> O eq	Standard Deviation
				2 Days (N/mm <sup>2</sup> )	7 Days (N/mm <sup>2</sup> )	28 Days (N/mm <sup>2</sup> )			
06-Feb-23	465	190	1	32.5	45.5		0.06	0.65	0.04
10-Feb-23	490	190	0	33.0	46.0		0.06	0.64	0.04
Average	480	190	1	33.0	46.0		0.06		0.04
16-Jan-23	435	140	1	34.0	47.0	58.5	0.06	0.65	0.04
20-Jan-23	440	150	0	38.5	51.0	60.5	0.06	0.65	0.04
Average	440	145	1	36.5	49.0	59.5	0.06		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

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.