



Hanson UK  
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 Maidenhead, Berkshire, SL6 8QZ  
 Ribblesdale Works  
 1333-CPR-00127



## Cement Test Report

Hanson Cement  
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Results of tests made at the laboratories of the company on samples of  
 Ribblesdale PC, BS EN 197-1:2011 - CEM I 52,5N

Dispatched from Ribblesdale during week ending  
 and during week ending

20-Aug-23 (Week No. 2023-33 )  
 30-Jul-23 (Week No. 2023-30 ) 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> )			
14-Aug-23	395	135	1	31.5	47.0		0.07	0.65	0.04
15-Aug-23	395	130	1	32.5	46.5		0.07	0.65	0.04
16-Aug-23	400	135	1	32.5	47.0		0.06	0.65	0.04
17-Aug-23	400	145	1	32.0	49.5		0.06	0.64	0.04
18-Aug-23	400	135	1	32.5	46.5		0.06	0.64	0.04
Average	400	135	1	32.0	47.5		0.07		0.04
24-Jul-23	390	150	0	35.5	48.0	63.5	0.07	0.66	0.03
25-Jul-23	385	140	1	35.5	49.0	62.0	0.07	0.66	0.03
26-Jul-23	395	160	0	34.5	49.5	63.5	0.07	0.67	0.03
27-Jul-23	390	140	0	34.5	50.0	62.0	0.07	0.66	0.03
28-Jul-23	380	160	1	32.0	45.0	57.5	0.07	0.67	0.03
Average	390	150	1	34.5	48.5	61.5	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

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