



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



## Cement Test Report

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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-Oct-24 (Week No. 2024-42 )  
 29-Sep-24 (Week No. 2024-39 ) 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-Oct-24	390	145	1	33.0	46.0		0.06	0.65	0.04
15-Oct-24	395	135		33.5	46.5		0.06	0.65	0.04
16-Oct-24	400	130		35.5	47.0		0.06	0.66	0.04
17-Oct-24	395	125		35.5	51.5		0.06	0.66	0.04
18-Oct-24	390	130		33.5	47.0		0.06	0.66	0.04
Average	395	135		34.0	47.5		0.06		0.04
23-Sep-24	405	155	2	35.0	48.5	60.5	0.07	0.63	0.04
24-Sep-24	400	135		35.5	49.0	61.0	0.07	0.63	0.04
25-Sep-24	405	165		34.5	49.5	62.5	0.07	0.63	0.04
26-Sep-24	405	155		36.0	51.0	61.0	0.07	0.64	0.04
27-Sep-24	410	145	1	36.5	47.5	60.0	0.07	0.64	0.04
Average	405	150	1	35.5	49.0	61.0	0.07		0.04

**Product Declaration:**

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of  
 HEIDELBERG MATERIALS UK

Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
 National Technical Manager  
 Heidelberg Materials UK

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