



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

13-Oct-24 (Week No. 2024-41 )  
 22-Sep-24 (Week No. 2024-38 ) 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> )			
7-Oct-24	395	140	1	35.0	48.5		0.06	0.64	0.04
8-Oct-24	395	135		38.0	50.5		0.06	0.64	0.04
9-Oct-24	400	145		36.5	51.0		0.06	0.64	0.04
10-Oct-24	400	145		36.0	49.0		0.06	0.65	0.04
11-Oct-24	395	145		34.5	47.5		0.06	0.65	0.04
Average	395	140		36.0	49.5		0.06		0.04
16-Sep-24	415	135	1	35.0	48.0	59.5	0.07	0.63	0.03
17-Sep-24	415	135		36.5	49.5	60.0	0.07	0.63	0.03
18-Sep-24	410	140		35.0	49.0	58.0	0.07	0.63	0.03
19-Sep-24	385	145		35.0	46.5	58.0	0.07	0.63	0.03
20-Sep-24	400	160		36.5	49.5	62.0	0.07	0.63	0.03
Average	405	145		35.5	48.5	59.5	0.07		0.03

**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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