



Heidelberg Materials UK  
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 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

8-Sep-24 (Week No. 2024-36 )  
 18-Aug-24 (Week No. 2024-33 ) 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> )			
2-Sep-24	405	130	1	34.5	47.0		0.07	0.65	0.04
3-Sep-24	400	140		34.5	48.0		0.07	0.64	0.04
4-Sep-24	415	145		34.0	48.0		0.07	0.64	0.03
5-Sep-24	390	145		36.0	48.5		0.07	0.63	0.03
6-Sep-24	405	165		33.5	47.5		0.07	0.63	0.03
Average	405	145		34.5	48.0		0.07		0.03
12-Aug-24	390	160	0	31.5	45.0	56.0	0.07	0.66	0.05
13-Aug-24	395	150		34.0	45.5	56.5	0.07	0.66	0.05
14-Aug-24	395	145		32.0	46.5	58.0	0.07	0.66	0.04
15-Aug-24	390	155		34.0	44.0	56.5	0.07	0.67	0.04
16-Aug-24	380	150		31.0	45.0	54.5	0.07	0.67	0.04
Average	390	150		32.5	45.0	56.5	0.07		0.05

**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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