



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

14-Jan-24 (Week No. 2024-2 )  
 24-Dec-23 (Week No. 2023-51 ) 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> )			
08-Jan-24	390	135	1	34.0	46.5		0.05	0.69	0.03
09-Jan-24	385	140	1	35.5	47.5		0.05	0.69	0.03
10-Jan-24	390	130	0	35.0	48.0		0.05	0.69	0.03
11-Jan-24	390	135	1	34.0	45.0		0.05	0.69	0.03
12-Jan-24	385	130	1	34.5	48.0		0.05	0.69	0.03
Average	390	135	1	34.5	47.0		0.05		0.03
18-Dec-23	390	125	1	34.0	47.0	59.5	0.05	0.70	0.03
19-Dec-23	395	120	2	33.0	45.5	58.0	0.05	0.70	0.03
20-Dec-23	400	120	1	32.0	46.5	58.0	0.05	0.70	0.03
Average	395	120	1	33.0	46.5	58.5	0.05		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, MiMMM  
 National Technical Manager  
 Heidelberg Materials UK

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