



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



## Cement Test Report

Heidelberg Materials UK  
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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

28-Jan-24 (Week No. 2024-4 )  
 07-Jan-24 (Week No. 2024-1 ) 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> )			
22-Jan-24	390	140	1	32.0	46.5		0.04	0.69	0.03
23-Jan-24	380	145	1	33.0	46.5		0.04	0.69	0.03
24-Jan-24	405	120	2	37.5	49.0		0.04	0.69	0.03
25-Jan-24	400	130	0	34.0	47.0		0.04	0.69	0.03
26-Jan-24	390	155	1	32.0	44.5		0.04	0.69	0.03
Average	395	140	1	33.5	46.5		0.04		0.03
02-Jan-24	390	130	1	33.5	49.5	59.5	0.05	0.69	0.03
03-Jan-24	380	140	1	33.0	50.0	60.5	0.05	0.69	0.03
04-Jan-24	385	140	2	29.5	49.0	59.5	0.05	0.69	0.03
05-Jan-24	395	140	1	34.5	50.0	54.0	0.05	0.69	0.03
Average	390	140	1	32.5	49.5	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, MICT  
 National Technical Manager  
 Heidelberg Materials UK

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