



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

28-Jul-24 (Week No. 2024-30 )  
 07-Jul-24 (Week No. 2024-27 ) 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-Jul-24	415	145	1	31.0	45.0		0.07	0.65	0.05
23-Jul-24	410	155		30.5	45.0		0.07	0.65	0.05
24-Jul-24	415	145		30.5	45.5		0.07	0.65	0.05
25-Jul-24	410	135		34.5	42.5		0.07	0.65	0.05
26-Jul-24	415	145		31.0	45.0		0.07	0.65	0.05
Average	415	145		31.5	44.5		0.07		0.05
01-Jul-24	410	165	1	29.0	43.5	56.5	0.07	0.66	0.03
02-Jul-24	385	160	1	31.0	46.0	57.0	0.06	0.66	0.03
03-Jul-24	415	165	1	29.5	43.5	56.0	0.06	0.66	0.03
04-Jul-24	410	160	1	30.0	43.5	58.0	0.06	0.66	0.03
05-Jul-24	410	165	1	31.0	46.0	57.5	0.06	0.65	0.04
Average	405	165	1	30.0	44.5	57.0	0.06		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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