



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

17-Mar-24 (Week No. 2024-11 )  
 25-Feb-24 (Week No. 2024-8 ) 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> )			
11-Mar-24	385	145	1	32.0	43.0		0.05	0.68	0.03
12-Mar-24	395	140	2	31.5	45.5		0.06	0.68	0.03
13-Mar-24	390	135	2	32.5	45.0		0.06	0.68	0.03
14-Mar-24	400	145	1	34.0	46.5		0.06	0.68	0.03
15-Mar-24	400	160	0	33.0	45.0		0.06	0.68	0.03
Average	395	145	1	32.5	45.0		0.06		0.03
19-Feb-24	395	145	2	33.0	46.5	58.5	0.05	0.68	0.03
20-Feb-24	405	155	2	33.5	45.0	57.5	0.05	0.68	0.03
21-Feb-24	400	135	1	33.5	45.5	56.5	0.05	0.68	0.03
22-Feb-24	415	140	1	34.0	47.5	59.0	0.05	0.68	0.03
23-Feb-24	420	150	1	33.0	45.5	60.0	0.05	0.68	0.03
Average	405	145	1	33.5	46.0	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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