



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

02-Jun-24 (Week No. 2024-22)
 12-May-24 (Week No. 2024-19) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
28-May-24	410	160	0	33.5	46.0		0.07	0.69	0.03
29-May-24	430	145	1	34.5	50.0		0.07	0.69	0.03
30-May-24	415	165	0	34.5	46.0		0.07	0.68	0.03
31-May-24	420	150	1	32.0	46.0		0.07	0.68	0.03
Average	420	155	1	33.5	47.0		0.07		0.03
07-May-24	400	165	1	30.0	43.5	56.0	0.07	0.71	0.02
08-May-24	405	160	1	30.5	45.5	58.5	0.07	0.72	0.01
09-May-24	405	155	1	32.0	45.0	57.0	0.07	0.71	0.02
10-May-24	395	155	2	31.5	45.5	58.0	0.07	0.71	0.02
Average	400	160	1	31.0	45.0	57.5	0.07		0.02

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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