



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

16-Jun-24 (Week No. 2024-24)
 26-May-24 (Week No. 2024-21) 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)			
10-Jun-24	410	155	1	32.0	45.0		0.07	0.67	0.03
11-Jun-24	390	155	1	32.5	46.0		0.07	0.67	0.03
12-Jun-24	400	160	1	32.0	44.0		0.07	0.67	0.03
13-Jun-24	410	160	1	32.0	46.0		0.07	0.66	0.03
14-Jun-24	425	150	1	33.0	47.5		0.07	0.66	0.03
Average	405	155	1	32.5	45.5		0.07		0.03
20-May-24	425	135	1	33.5	48.5	58.0	0.07	0.70	0.02
21-May-24	410	150	1	29.5	46.0	56.0	0.07	0.70	0.03
22-May-24	415	145	2	31.0	46.5	59.0	0.07	0.69	0.03
23-May-24	415	160	0	31.0	46.0	59.5	0.07	0.69	0.03
24-May-24	420	150	1	32.0	46.0	59.5	0.07	0.69	0.03
Average	415	150	1	31.5	46.5	58.5	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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