



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

21-Jul-24 (Week No. 2024-29)
 30-Jun-24 (Week No. 2024-26) 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)			
15-Jul-24	405	155	1	32.0	44.5		0.06	0.65	0.05
16-Jul-24	400	150	1	31.0	46.0		0.07	0.64	0.04
17-Jul-24	405	165	1	29.5	45.0		0.07	0.65	0.04
18-Jul-24	415	125	1	33.5	45.5		0.07	0.65	0.05
19-Jul-24	420	135	1	32.5	44.0		0.07	0.65	0.05
Average	410	145	1	31.5	45.0		0.07		0.05
24-Jun-24	420	160	0	36.0	52.0	60.0	0.07	0.66	0.03
25-Jun-24	380	155	1	33.5	52.5	58.5	0.07	0.66	0.03
26-Jun-24	425	160	1	31.5	46.0	57.0	0.07	0.67	0.03
27-Jun-24	425	160	0	33.5	48.5	61.0	0.07	0.66	0.03
28-Jun-24	390	165	1	30.0	46.0	56.5	0.07	0.66	0.03
Average	410	160	1	33.0	49.0	58.5	0.07		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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