



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

19-May-24 (Week No. 2024-20)
 28-Apr-24 (Week No. 2024-17) 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)			
13-May-24	405	160	1	31.5	47.0		0.07	0.71	0.02
14-May-24	415	155	1	31.5	46.0		0.07	0.71	0.02
15-May-24	410	155	1	31.0	47.5		0.07	0.71	0.02
16-May-24	405	155	1	34.0	47.0		0.07	0.70	0.02
17-May-24	425	145	1	32.5	45.5		0.07	0.70	0.02
Average	410	155	1	32.0	46.5		0.07		0.02
22-Apr-24	420	170	2	32.0	46.5	58.0	0.06	0.70	0.03
23-Apr-24	420	150	1	32.0	47.0	57.0	0.06	0.70	0.03
24-Apr-24	415	160	0	31.0	43.0	56.0	0.06	0.71	0.03
25-Apr-24	420	165	1	33.5	46.0	62.5	0.06	0.71	0.03
26-Apr-24	415	150	0	32.5	44.5	56.5	0.06	0.71	0.03
Average	420	160	1	32.0	45.5	58.0	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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