



Heidelberg Materials UK
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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 26-May-24 (Week No. 2024-21)
and during week ending 05-May-24 (Week No. 2024-18) 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)			
20-May-24	425	135	1	33.5	48.5		0.07	0.70	0.02
21-May-24	410	150	1	29.5	46.0		0.07	0.70	0.03
22-May-24	415	145	2	31.0	46.5		0.07	0.69	0.03
23-May-24	415	160		31.0	46.0		0.07	0.69	0.03
24-May-24	420	150	1	32.0	46.0		0.07	0.69	0.03
Average	415	150	1	31.5	46.5		0.07		0.03
29-Apr-24	420	155	1	32.0	46.0	57.0	0.07	0.71	0.03
30-Apr-24	415	160	1	30.0	44.5	57.5	0.07	0.71	0.02
01-May-24	410	155	1	30.0	45.5	60.5	0.07	0.71	0.02
02-May-24	405	160	1	29.0	44.0	59.0	0.07	0.72	0.02
03-May-24	410	160		30.5	45.5	56.5	0.07	0.71	0.02
Average	410	160	1	30.5	45.0	58.0	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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