



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
 and during week ending

09-Jun-24 (Week No. 2024-23)
 19-May-24 (Week No. 2024-20) 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)			
03-Jun-24	410	150	0	33.5	47.5		0.07	0.68	0.03
04-Jun-24	405	140	1	31.5	45.5		0.07	0.68	0.03
05-Jun-24	425	150	1	34.0	49.0		0.07	0.67	0.03
06-Jun-24	420	150	0	35.5	50.5		0.07	0.67	0.03
07-Jun-24	420	150	1	32.5	47.0		0.07	0.67	0.03
Average	415	150	1	33.5	48.0		0.07		0.03
13-May-24	405	160	1	31.5	47.0	56.5	0.07	0.71	0.02
14-May-24	415	155	1	31.5	46.0	58.0	0.07	0.71	0.02
15-May-24	410	155	1	30.5	47.5	57.5	0.07	0.71	0.02
16-May-24	405	155	1	34.0	47.0	59.5	0.07	0.70	0.02
17-May-24	425	145	1	32.5	45.5	59.0	0.07	0.70	0.02
Average	410	155	1	32.0	46.5	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

N. Cardinal
 Dr Nina Cardinal, Dipl.Ing., CEng, MICT
 National Technical Manager
 Heidelberg Materials UK

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