



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

22-Sep-24 (Week No. 2024-38)
01-Sep-24 (Week No. 2024-35) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m ² /kg)	Initial (mins)	Expansion (mm)	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)			
16-Sep-24	415	135	1	35.0	48.0		0.07	0.63	0.03
17-Sep-24	415	135		36.5	49.5		0.07	0.63	0.03
18-Sep-24	410	140		35.0	49.0		0.07	0.63	0.03
19-Sep-24	385	145		35.0	46.5		0.07	0.63	0.03
20-Sep-24	400	160		36.5	49.5		0.07	0.63	0.03
Average	405	145		35.5	48.5		0.07		0.03
27-Aug-24	395	150	1	39.0	48.5	64.0	0.07	0.66	0.04
28-Aug-24	395	140		34.0	47.0	58.5	0.07	0.66	0.04
29-Aug-24	405	155		32.5	47.0	57.0	0.07	0.65	0.04
30-Aug-24	400	130		33.0	46.5	57.0	0.07	0.65	0.04
Average	400	145		34.5	47.5	59.0	0.07		0.04

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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