



Heidelberg Materials UK
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Maidenhead, Berkshire, SL6 8QZ
Ribblesdale Works
1333-CPR-00127



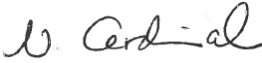
Cement Test Report

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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 29-Sep-24 (Week No. 2024-39)
and during week ending 08-Sep-24 (Week No. 2024-36) 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)			
23-Sep-24	405	155	2	35.0	48.5		0.07	0.63	0.04
24-Sep-24	400	135		35.5	49.0		0.07	0.63	0.04
25-Sep-24	405	165		34.5	49.5		0.07	0.63	0.04
26-Sep-24	405	155		36.0	51.0		0.07	0.64	0.04
27-Sep-24	410	145	1	36.5	47.5		0.07	0.64	0.04
Average	405	150	1	35.5	49.0		0.07		0.04
02-Sep-24	405	130	1	34.5	47.0	58.5	0.07	0.65	0.04
03-Sep-24	400	140		34.5	48.0	59.0	0.07	0.64	0.04
04-Sep-24	415	145		34.0	48.0	56.5	0.07	0.64	0.03
05-Sep-24	390	145		36.0	48.5	61.0	0.07	0.63	0.03
06-Sep-24	405	165		33.5	47.5	59.5	0.07	0.63	0.03
Average	405	145		34.5	48.0	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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