



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

08-Oct-23 (Week No. 2023-40)
17-Sep-23 (Week No. 2023-37) 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)			
02-Oct-23	395	140	1	33.5	48.0		0.06	0.67	0.05
03-Oct-23	400	140	1	34.5	48.5		0.06	0.68	0.04
04-Oct-23	400	140	1	34.0	48.5		0.06	0.68	0.04
05-Oct-23	385	150	1	33.5	50.0		0.06	0.68	0.04
06-Oct-23	390	150	1	34.5	47.5		0.06	0.68	0.04
Average	395	145	1	34.0	48.5		0.06		0.04
11-Sep-23	395	155	1	34.0	47.0	62.0	0.06	0.63	0.04
12-Sep-23	395	150	0	30.0	47.0	60.0	0.06	0.63	0.04
13-Sep-23	400	165	1	30.0	46.5	60.0	0.06	0.63	0.04
14-Sep-23	405	165	0	31.0	45.5	58.5	0.06	0.63	0.04
15-Sep-23	395	150	1	33.0	45.5	59.0	0.06	0.63	0.04
Average	400	155	1	31.5	46.5	60.0	0.06		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, MiMMM
National Technical Manager
Heidelberg Materials UK

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