



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

22-Oct-23 (Week No. 2023-42)
01-Oct-23 (Week No. 2023-39) 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-Oct-23	390	145	1	37.0	53.0		0.06	0.70	0.02
17-Oct-23	390	130	1	34.5	48.5		0.06	0.70	0.02
18-Oct-23	390	135	1	36.5	51.0		0.06	0.70	0.02
19-Oct-23	390	135	0	33.0	50.0		0.06	0.70	0.02
20-Oct-23	375	125	1	33.5	48.5		0.06	0.70	0.02
Average	385	135	1	35.0	50.0		0.06		0.02
25-Sep-23	395	160	1	32.5	45.0	57.5	0.06	0.65	0.05
26-Sep-23	400	145	1	33.0	45.5	59.0	0.06	0.66	0.05
27-Sep-23	400	165	0	32.5	45.0	59.5	0.06	0.66	0.05
28-Sep-23	395	140	1	33.5	46.5	59.5	0.06	0.67	0.05
29-Sep-23	395	150	1	33.5	47.0	60.0	0.06	0.67	0.05
Average	395	150	1	33.0	46.0	59.0	0.06		0.05

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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