



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

15-Oct-23 (Week No. 2023-41)
24-Sep-23 (Week No. 2023-38) 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)			
09-Oct-23	400	155	1	32.5	46.0		0.06	0.69	0.04
10-Oct-23	390	130	0	32.5	45.0		0.06	0.69	0.03
11-Oct-23	400	150	0	34.0	48.0		0.06	0.69	0.03
12-Oct-23	390	155	1	36.0	50.5		0.06	0.69	0.03
13-Oct-23	385	160	1	34.5	50.0		0.06	0.69	0.03
Average	395	150	1	34.0	48.0		0.06		0.03
18-Sep-23	385	155	1	32.0	46.0	63.0	0.06	0.63	0.04
19-Sep-23	395	155	2	31.5	45.5	60.0	0.06	0.64	0.04
20-Sep-23	395	150	1	31.5	45.0	57.5	0.06	0.64	0.04
21-Sep-23	395	155	0	31.0	44.5	57.5	0.06	0.65	0.05
22-Sep-23	395	155	1	29.5	45.0	58.5	0.06	0.65	0.05
Average	395	155	1	31.0	45.0	59.5	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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