



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

04-Aug-24 (Week No. 2024-31)
 14-Jul-24 (Week No. 2024-28) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				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)			
29-Jul-24	420	155	1	30.5	44.0		0.07	0.65	0.05
30-Jul-24	415	155		33.0	46.0		0.07	0.66	0.05
31-Jul-24	415	150		32.5	45.0		0.07	0.66	0.05
01-Aug-24	415	150		31.5	43.5		0.07	0.66	0.05
02-Aug-24	415	160		32.0	45.0		0.07	0.67	0.05
Average	415	155		32.0	44.5		0.07		0.05
08-Jul-24	410	165	1	29.0	44.0	58.5	0.06	0.65	0.04
09-Jul-24	410	145	1	31.0	45.0	59.0	0.06	0.65	0.04
10-Jul-24	410	155	1	32.0	45.5	58.0	0.06	0.65	0.04
11-Jul-24	405	155	2	31.5	44.5	57.0	0.06	0.65	0.04
12-Jul-24	405	155	1	30.5	44.0	57.0	0.06	0.64	0.05
Average	410	155	1	31.0	44.5	58.0	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, MICT
 National Technical Manager
 Heidelberg Materials UK

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