



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

18-Aug-24 (Week No. 2024-33)
 28-Jul-24 (Week No. 2024-30) 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)			
12-Aug-24	390	160	0	31.5	45.0		0.07	0.66	0.05
13-Aug-24	395	150		34.0	45.5		0.07	0.66	0.05
14-Aug-24	395	145		32.0	46.5		0.07	0.66	0.04
15-Aug-24	390	155		34.0	44.0		0.07	0.67	0.04
16-Aug-24	380	150		31.0	45.0		0.07	0.67	0.04
Average	390	150		32.5	45.0		0.07		0.04
22-Jul-24	415	145	1	31.0	45.0	56.5	0.07	0.65	0.05
23-Jul-24	410	155		31.0	45.0	55.0	0.07	0.65	0.05
24-Jul-24	415	145		30.5	45.5	57.0	0.07	0.65	0.05
25-Jul-24	410	135		34.0	42.5	53.5	0.07	0.65	0.05
26-Jul-24	415	145		31.0	45.0	57.5	0.07	0.65	0.05
Average	415	145		31.5	44.5	56.0	0.07		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, MICT
 National Technical Manager
 Heidelberg Materials UK

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