



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

01-Sep-24 (Week No. 2024-35)
 11-Aug-24 (Week No. 2024-32) 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)			
27-Aug-24	395	150	1	39.0	48.5		0.07	0.66	0.04
28-Aug-24	395	140		34.0	47.0		0.07	0.66	0.04
29-Aug-24	405	155		32.5	47.0		0.07	0.65	0.04
30-Aug-24	400	130		33.0	46.5		0.07	0.65	0.04
Average	400	145		34.5	47.5		0.07		0.04
05-Aug-24	375	145	1	32.0	44.5	55.5	0.07	0.67	0.05
06-Aug-24	365	140		30.5	44.0	55.5	0.07	0.66	0.05
07-Aug-24	370	140		31.0	44.0	55.0	0.07	0.66	0.05
08-Aug-24	370	135		34.5	46.0	54.0	0.07	0.66	0.05
09-Aug-24	390	135		33.5	46.0	57.0	0.07	0.67	0.05
Average	375	140		32.5	45.0	55.5	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

N. Cardinal
 Dr Nina Cardinal, Dipl.Ing., CEng, MICT
 National Technical Manager
 Heidelberg Materials UK

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