



Heidelberg Materials UK
 Second Floor, Arena Court, Crown Lane
 Maidenhead, Berkshire, SL6 8QZ
 Ribblesdale Works
 1333-CPR-00127



Cement Test Report

Heidelberg Materials UK
 Ketton
 Stamford
 PE9 3SX
 Tel: 0330 123 2074
 Fax: 01780 727008

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

31-Mar-24 (Week No. 2024-13)

10-Mar-24 (Week No. 2024-10) 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)			
25-Mar-24	395	145	1	31.5	44.0		0.06	0.68	0.03
26-Mar-24	395	135	1	33.0	44.5		0.06	0.67	0.03
27-Mar-24	400	135	1	32.0	43.5		0.06	0.67	0.03
28-Mar-24	405	135	1	33.0	46.0		0.06	0.67	0.03
Average	400	140	1	32.5	44.5		0.06		0.03
04-Mar-24	395	165	2	31.5	44.5	57.0	0.05	0.68	0.02
05-Mar-24	395	150	1	33.0	45.0	59.5	0.05	0.68	0.02
06-Mar-24	425	135	2	35.0	46.5	59.0	0.05	0.68	0.02
07-Mar-24	405	140	1	33.5	47.5	58.0	0.05	0.68	0.02
08-Mar-24	395	145	0	31.0	43.5	58.0	0.06	0.68	0.02
Average	405	145	1	33.0	45.5	58.5	0.05		0.02

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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