



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

14-Apr-24 (Week No. 2024-15)
 24-Mar-24 (Week No. 2024-12) 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)			
08-Apr-24	400	140	1	32.0	44.5		0.06	0.68	0.03
09-Apr-24	405	165	2	32.5	43.0		0.06	0.68	0.04
10-Apr-24	405	130	0	32.5	45.0		0.06	0.68	0.04
11-Apr-24	405	145	1	31.5	44.0		0.06	0.68	0.04
12-Apr-24	400	145	1	31.5	43.5		0.06	0.69	0.04
Average	405	145	1	32.0	44.0		0.06		0.04
18-Mar-24	405	140	1	32.5	47.0	58.0	0.06	0.67	0.03
19-Mar-24	390	140	1	32.0	49.5	61.0	0.06	0.67	0.03
20-Mar-24	400	140	1	34.0	45.0	60.5	0.06	0.67	0.03
21-Mar-24	400	135	1	30.5	44.5	55.5	0.06	0.67	0.03
22-Mar-24	405	140	1	32.0	45.5	58.0	0.06	0.68	0.03
Average	400	140	1	32.0	46.5	58.5	0.06		0.03

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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