



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 18-Feb-24 (Week No. 2024-7)
 and during week ending 28-Jan-24 (Week No. 2024-4) 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-Feb-24	400	135	1	33.0	47.0		0.05	0.69	0.02
13-Feb-24	395	125	2	31.0	45.0		0.05	0.69	0.02
14-Feb-24	400	130	3	33.0	47.5		0.05	0.69	0.02
15-Feb-24	405	130	4	31.5	45.5		0.05	0.69	0.02
16-Feb-24	410	130	4	32.0	46.0		0.05	0.69	0.03
Average	400	130	3	32.0	46.0		0.05		0.02
22-Jan-24	390	140	1	32.0	46.5	58.5	0.04	0.69	0.03
23-Jan-24	380	145	1	33.0	46.5	57.5	0.04	0.69	0.03
24-Jan-24	405	120	2	37.5	49.0	58.5	0.04	0.69	0.03
25-Jan-24	400	130	0	34.0	47.0	59.5	0.04	0.69	0.03
26-Jan-24	390	155	1	32.0	44.5	58.5	0.04	0.69	0.03
Average	395	140	1	33.5	46.5	58.5	0.04		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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