



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 25-Feb-24 (Week No. 2024-8)
 and during week ending 04-Feb-24 (Week No. 2024-5) 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)			
19-Feb-24	395	145	2	33.0	46.5		0.05	0.68	0.03
20-Feb-24	405	155	2	33.5	45.0		0.05	0.68	0.03
21-Feb-24	400	135	1	33.5	45.5		0.05	0.68	0.03
22-Feb-24	415	140	1	34.0	47.5		0.05	0.68	0.03
23-Feb-24	420	150	1	33.0	45.5		0.05	0.68	0.03
Average	405	145	1	33.5	46.0		0.05		0.03
29-Jan-24	390	135	1	32.0	47.5	59.5	0.04	0.69	0.03
30-Jan-24	395	135	1	31.5	48.5	56.5	0.04	0.69	0.03
31-Jan-24	390	145	1	33.0	44.0	57.5	0.04	0.69	0.03
01-Feb-24	400	145	1	32.5	46.5	57.0	0.04	0.69	0.03
02-Feb-24	400	135	0	33.5	46.5	59.5	0.04	0.69	0.02
Average	395	140	1	32.5	46.5	58.0	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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