



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

4-Feb-24 (Week No. 2024-5)
 14-Jan-24 (Week No. 2024-2) 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)			
29-Jan-24	390	135	1	32.0	47.5		0.04	0.69	0.03
30-Jan-24	395	135	1	31.5	48.5		0.04	0.69	0.03
31-Jan-24	390	145	1	33.0	44.0		0.04	0.69	0.03
1-Feb-24	400	145	1	32.5	46.5		0.04	0.69	0.03
2-Feb-24	400	135	0	33.5	46.5		0.04	0.69	0.02
Average	395	140	1	32.5	46.5		0.04		0.03
8-Jan-24	390	135	1	34.0	46.5	59.0	0.05	0.69	0.03
9-Jan-24	385	140	1	35.5	47.5	59.0	0.05	0.69	0.03
10-Jan-24	390	130	0	35.0	48.0	57.5	0.05	0.69	0.03
11-Jan-24	390	135	1	34.0	45.0	58.5	0.05	0.69	0.03
12-Jan-24	385	130	1	34.5	48.0	61.0	0.05	0.69	0.03
Average	390	135	1	34.5	47.0	59.0	0.05		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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