



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

17-Dec-23 (Week No. 2023-50)
 26-Nov-23 (Week No. 2023-47) 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)			
11-Dec-23	395	150	1	33.5	45.0		0.05	0.69	0.03
12-Dec-23	390	140	1	31.5	44.5		0.05	0.70	0.03
13-Dec-23	390	130	1	34.0	46.0		0.05	0.70	0.03
14-Dec-23	395	135	0	34.0	46.5		0.05	0.70	0.03
15-Dec-23	385	130	1	34.0	47.0		0.05	0.70	0.03
Average	390	135	1	33.5	46.0		0.05		0.03
20-Nov-23	390	155	1	30.0	43.0	56.0	0.06	0.69	0.03
21-Nov-23	380	140	1	30.5	43.0	55.5	0.06	0.70	0.03
22-Nov-23	385	155	1	33.0	49.0	62.5	0.06	0.70	0.03
23-Nov-23	385	160	0	33.5	48.0	62.0	0.06	0.69	0.03
24-Nov-23	390	155	1	31.5	46.5	59.5	0.06	0.70	0.03
Average	385	155	1	31.5	46.0	59.0	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, MiMMM
 National Technical Manager
 Heidelberg Materials UK

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