



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

15-Dec-24 (Week No. 2024-50)
 24-Nov-24 (Week No. 2024-47) 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)			
09-Dec-24	390	135	1	33.5	46.0		0.07	0.68	0.03
10-Dec-24	405	130		34.0	46.5		0.07	0.69	0.03
11-Dec-24	395	130		31.0	46.0		0.07	0.68	0.03
12-Dec-24	400	135		33.0	45.5		0.07	0.68	0.03
13-Dec-24	400	130		33.0	44.5		0.07	0.68	0.03
Average	400	130		33.0	45.5		0.07		0.03
18-Nov-24	410	135	1	35.0	48.5	59.5	0.06	0.66	0.03
19-Nov-24	395	135		35.0	50.0	61.0	0.06	0.66	0.03
20-Nov-24	385	145		31.0	45.0	57.5	0.06	0.65	0.03
21-Nov-24	405	130		35.5	49.5	60.5	0.06	0.65	0.03
22-Nov-24	415	135		35.0	48.0	58.5	0.06	0.66	0.03
Average	400	135		34.5	48.0	59.5	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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