



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-Nov-24 (Week No. 2024-46)

27-Oct-24 (Week No. 2024-43) 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-Nov-24	405	140	1	34.5	48.5		0.05	0.66	0.03
12-Nov-24	410	135		37.0	48.5		0.05	0.66	0.03
13-Nov-24	415	130		36.0	47.0		0.06	0.66	0.03
14-Nov-24	410	140		34.0	49.0		0.06	0.66	0.03
15-Nov-24	405	135		29.0	49.0		0.06	0.66	0.03
Average	410	135		34.0	48.5		0.06		0.03
21-Oct-24	390	125	1	34.0	46.0	58.0	0.06	0.66	0.04
22-Oct-24	390	125		34.5	45.5	58.5	0.06	0.66	0.04
23-Oct-24	405	135		36.0	49.0	61.5	0.06	0.66	0.04
24-Oct-24	410	135		36.0	48.0	58.0	0.06	0.66	0.04
25-Oct-24	405	135		35.0	49.5	59.5	0.06	0.67	0.04
Average	400	130		35.0	47.5	59.0	0.06		0.04

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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