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 Ribblesdale Works
 1333-CPR-00248



Cement Test Report

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Results of tests made at the laboratories of the company on samples of Ribblesdale PLC 52,5N, BS EN 197-1:2011 - CEM II/A-LL 52,5N

Dispatched from Ribblesdale during week ending 17-Nov-24 (Week No. 2024-46)
 and during week ending 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	425	160	1	33.5	47.0		0.06	0.63	0.04
15-Nov-24	445	170		34.0	47.0		0.06	0.63	0.04
Average	435	165	1	34.0	47.0		0.06		0.04
21-Oct-24	445	155	2	37.0	48.5	57.5	0.07	0.63	0.04
25-Oct-24	430	160		33.0	46.5	55.0	0.07	0.63	0.04
Average	440	160	1	35.0	47.5	56.5	0.07		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
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