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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 4-Feb-24 (Week No. 2024-5)
 and during week ending 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	440	200	0	31.0	46.0		0.06	0.59	0.03
2-Feb-24	435	145	0	34.0	45.5		0.06	0.59	0.03
Average	440	175	0	32.5	46.0		0.06		0.03
8-Jan-24	455	205	0	32.5	46.5	59.0	0.06	0.62	0.05
12-Jan-24	445	200	0	32.0	47.5	58.5	0.06	0.61	0.05
Average	450	205	0	32.5	47.0	59.0	0.06		0.05

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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