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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-Dec-23 (Week No. 2023-50)
 and during week ending 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	465	210	0	31.5	46.0		0.06	0.64	0.05
15-Dec-23	420	195	0	31.0	47.5		0.06	0.64	0.06
Average	445	205	0	31.5	47.0		0.06		0.06
20-Nov-23	480	190	0	32.0	47.0	59.0	0.06	0.64	0.05
24-Nov-23	475	180	1	32.5	45.5	56.5	0.06	0.64	0.05
Average	480	185	1	32.5	46.5	58.0	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, MiMMM
 National Technical Manager
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