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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 10-Mar-24 (Week No. 2024-10)
 and during week ending 18-Feb-24 (Week No. 2024-7) 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)			
04-Mar-24	465	160	1	33.5	47.0		0.06	0.61	0.05
08-Mar-24	425	165		28.5	44.0		0.06	0.61	0.06
			0						
Average	445	165	1	31.0	45.5		0.06		0.05
12-Feb-24	475	120	6	38.0	51.5	60.5	0.07	0.59	0.03
16-Feb-24	480	125		39.0	50.5	58.5	0.06	0.59	0.04
Average	480	125	3	38.5	51.0	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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