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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 25-Aug-24 (Week No. 2024-34)
 and during week ending 04-Aug-24 (Week No. 2024-31) 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)			
19-Aug-24	460	175	1	31.0	42.5		0.06	0.62	0.05
23-Aug-24	465	185		31.5	45.0		0.06	0.62	0.05
Average	465	180	1	31.5	44.0		0.06		0.05
29-Jul-24	430	185	1	37.5	50.0	61.5	0.06	0.63	0.05
02-Aug-24	455	185		34.0	48.5	58.5	0.06	0.62	0.05
Average	445	185	1	36.0	49.5	60.0	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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