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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 24-Dec-23 (Week No. 2023-51)
 and during week ending 03-Dec-23 (Week No. 2023-48) 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)			
18-Dec-23	465	190	1	33.5	45.5		0.06	0.63	0.06
20-Dec-23	470	185	0	33.0	46.0		0.06	0.62	0.05
Average									
27-Nov-23	470	175	1	32.5	46.5	57.0	0.06	0.64	0.05
01-Dec-23	465	200	0	32.0	46.0	59.0	0.06	0.64	0.05
Average	470	190	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
 Heidelberg Materials UK

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