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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 15-Oct-23 (Week No. 2023-41)
and during week ending 24-Sep-23 (Week No. 2023-38) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m ² /kg)	Initial (mins)	Expansion (mm)	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)			
09-Oct-23	455	145	0	36.0	48.0		0.06	0.62	0.06
13-Oct-23	425	160	0	36.5	47.5		0.06	0.62	0.06
Average	440	155	0	36.5	48.0		0.06		0.06
18-Sep-23	440	145	1	35.5	48.5	58.0	0.06	0.61	0.05
22-Sep-23	445	150	1	37.0	50.0	60.0	0.06	0.62	0.06
Average	445	150	1	36.5	49.5	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, MiMMM
National Technical Manager
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