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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 08-Oct-23 (Week No. 2023-40)
and during week ending 17-Sep-23 (Week No. 2023-37) 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)			
02-Oct-23	445	145	1	38.0	51.0		0.06	0.62	0.06
06-Oct-23	425	155	1	37.5	51.0		0.06	0.62	0.06
Average	435	150	1	38.0	51.0		0.06		0.06
11-Sep-23	455	170	0	34.5	49.5	62.5	0.06	0.61	0.05
15-Sep-23	445	135	2	37.0	50.0	62.0	0.06	0.61	0.05
Average	450	155	1	36.0	50.0	62.5	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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