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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 6-Oct-24 (Week No. 2024-40 )  
 and during week ending 15-Sep-24 (Week No. 2024-37 ) for 28 day results

Date	Fineness Specific Surface (m <sup>2</sup> /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na <sub>2</sub> O eq	Standard Deviation
				2 Days (N/mm <sup>2</sup> )	7 Days (N/mm <sup>2</sup> )	28 Days (N/mm <sup>2</sup> )			
30-Sep-24	430	160	0	35.5	47.0		0.07	0.62	0.06
4-Oct-24	435	160		34.0	45.5		0.07	0.63	0.05
Average	435	160		35.0	46.5		0.07		0.05
9-Sep-24	445	155	1	30.5	44.0	56.0	0.07	0.61	0.06
13-Sep-24	465	185		30.0	42.5	53.5	0.07	0.62	0.05
Average	455	170	1	30.5	43.5	55.0	0.07		0.06

**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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