



Heidelberg Materials UK
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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-Mar-24 (Week No. 2024-12)
 and during week ending 03-Mar-24 (Week No. 2024-9) 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-Mar-24	475	160	2	31.5	44.0		0.06	0.62	0.06
22-Mar-24	440	165		32.0	44.5		0.06	0.62	0.06
Average	460	165	1	32.0	44.5		0.06		0.06
26-Feb-24	465	205	1	30.0	41.0	52.5	0.06	0.60	0.04
01-Mar-24	425	175		34.5	47.0	59.5	0.06	0.60	0.05
Average	445	190	1	32.5	44.0	56.0	0.06		0.04

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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