



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 30-Mar-25 (Week No. 2025-12)
and during week ending 09-Mar-25 (Week No. 2025-9) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m²/kg)	Initial (mins)	Expansion (mm)	40mm x 40mm x 160mm Mortar prisms			%	Certified Average Alkali % Na₂O eq	Standard Deviation
				2 Days (N/mm²)	7 Days (N/mm²)	28 Days (N/mm²)			
24-Mar-25	435	180	1	33.0	45.0		0.06	0.62	0.05
28-Mar-25	435	160		36.0	48.0		0.06	0.63	0.05
Average	435	170	1	34.5	46.5		0.06		0.05
03-Mar-25	415	145	1	37.5	50.5	60.0	0.06	0.64	0.06
07-Mar-25	430	165		35.5	48.5	61.0	0.06	0.64	0.05
Average	425	155	1	36.5	49.5	60.5	0.06		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
Technical Strategy Director
Heidelberg Materials UK

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