



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 02-Mar-25 (Week No. 2025-8)
and during week ending 09-Feb-25 (Week No. 2025-5) 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)			
24-Feb-25	415	150	1	32.5	47.0		0.06	0.64	0.06
28-Feb-25	495	160		34.0	45.5		0.06	0.64	0.06
Average	455	155	1	33.5	46.5		0.06		0.06
03-Feb-25	515	140	1	34.5	46.5	56.5	0.06	0.63	0.05
07-Feb-25	510	135		33.5	45.0	55.0	0.06	0.63	0.05
Average	515	140	1	34.0	46.0	56.0	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, MICT
National Technical Manager
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