



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 10-Dec-23 (Week No. 2023-49)
and during week ending 19-Nov-23 (Week No. 2023-46) 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)			
04-Dec-23	475	200	0	33.0	45.5		0.06	0.64	0.05
08-Dec-23	420	190	0	30.5	42.0		0.06	0.64	0.05
Average	450	195	0	32.0	44.0		0.06		0.05
13-Nov-23	480	185	1	32.5	46.5	59.0	0.06	0.64	0.05
17-Nov-23	490	190	1	32.5	48.5	60.0	0.06	0.64	0.05
Average	485	190	1	32.5	47.5	59.5	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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