



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
and during week ending

22-Oct-23 (Week No. 2023-42)
01-Oct-23 (Week No. 2023-39) 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)			
16-Oct-23	450	170	0	34.5	48.5		0.06	0.62	0.06
20-Oct-23	430	155	1	34.0	46.5		0.06	0.63	0.06
Average	440	165	1	34.5	47.5		0.06		0.06
25-Sep-23	455	165	0	36.0	50.5	61.0	0.06	0.62	0.06
29-Sep-23	440	150	0	37.0	49.0	58.0	0.06	0.62	0.06
Average	450	160	0	36.5	50.0	59.5	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, MiMMM
National Technical Manager
Heidelberg Materials UK

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