



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

8-Sep-24 (Week No. 2024-36)
18-Aug-24 (Week No. 2024-33) 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)			
2-Sep-24	480	160	1	34.5	48.0		0.06	0.61	0.06
6-Sep-24	460	155		35.0	47.5		0.07	0.61	0.06
Average	470	160	1	35.0	48.0		0.07		0.06
12-Aug-24	470	170	0	35.0	45.0	54.0	0.06	0.62	0.05
16-Aug-24	430	170		34.5	48.5	56.5	0.06	0.62	0.05
Average	450	170		35.0	47.0	55.5	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, MICT
National Technical Manager
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