



Hanson UK
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Maidenhead, Berkshire, SL6 8QZ
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 01-Oct-23 (Week No. 2023-39)
and during week ending 10-Sep-23 (Week No. 2023-36) 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)			
25-Sep-23	455	165	0	36.0	50.5		0.06	0.62	0.06
29-Sep-23	440	150	0	37.0	49.0		0.06	0.62	0.06
Average	450	160	0	36.5	50.0		0.06		0.06
04-Sep-23	435	190	1	32.5	48.0	62.0	0.06	0.61	0.05
08-Sep-23	450	170	0	33.5	48.0	61.0	0.06	0.61	0.05
Average	445	180	1	33.0	48.0	61.5	0.06		0.05

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
HANSON CEMENT


Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
National Technical Manager
Hanson Cement

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