



Heidelberg Materials UK
 Second Floor, Arena Court, Crown Lane
 Maidenhead, Berkshire, SL6 8QZ
 Ribblesdale Works
 1333-CPR-00248



Cement Test Report

Heidelberg Materials UK
 Ketton
 Stamford
 PE9 3SX
 Tel: 0330 123 2074
 Fax: 01780 727008

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-Nov-24 (Week No. 2024-45)
 and during week ending 20-Oct-24 (Week No. 2024-42) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				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)			
04-Nov-24	450	170	1	35.5	49.5		0.07	0.63	0.04
08-Nov-24	450	170		35.0	47.0		0.07	0.63	0.04
Average	450	170	1	35.5	48.5		0.07		0.04
14-Oct-24	435	180	0	35.5	49.0	59.5	0.07	0.63	0.05
18-Oct-24	445	150		35.5	46.5	56.5	0.07	0.62	0.04
Average	440	165		35.5	48.0	58.0	0.07		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
 Heidelberg Materials UK

Heidelberg Materials UK has used all reasonable care to ensure the information herein contained is accurate but to the extent permitted in law, no liability can be accepted by Heidelberg Materials UK for any loss, damage, cost or expense arising from any inaccuracy, whether due to negligence or otherwise.