



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 25-Feb-24 (Week No. 2024-8)
 and during week ending 04-Feb-24 (Week No. 2024-5) 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)			
19-Feb-24	470	140	2	37.0	50.0		0.06	0.59	0.04
23-Feb-24	460	140		36.5	48.5		0.06	0.59	0.04
Average	465	140	1	37.0	49.5		0.06		0.04
29-Jan-24	440	200	0	31.0	46.0	57.5	0.06	0.59	0.03
02-Feb-24	435	145	0	34.0	45.5	57.5	0.06	0.59	0.03
Average	440	175		32.5	46.0	57.5	0.06		0.03

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

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