



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 26-May-24 (Week No. 2024-21 )  
 and during week ending 05-May-24 (Week No. 2024-18 ) for 28 day results

Date	Fineness Specific Surface (m <sup>2</sup> /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na <sub>2</sub> O eq	Standard Deviation
				2 Days (N/mm <sup>2</sup> )	7 Days (N/mm <sup>2</sup> )	28 Days (N/mm <sup>2</sup> )			
20-May-24	470	170	0	35.5	51.0		0.06	0.67	0.04
24-May-24	485	175		37.5	50.0		0.06	0.67	0.04
Average	480	175		36.5	50.5		0.06		0.04
29-Apr-24	485	165	2	33.0	46.0	58.5	0.06	0.66	0.05
03-May-24	450	190		32.0	46.0	57.5	0.06	0.67	0.04
Average	470	180	1	32.5	46.0	58.0	0.06		0.04

**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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