



Heidelberg Materials UK  
 Second Floor, Arena Court, Crown Lane  
 Maidenhead, Berkshire, SL6 8QZ  
 Ribblesdale Works  
 1333-CPR-00127



## 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 PC, BS EN 197-1:2011 - CEM I 52,5N

Dispatched from Ribblesdale during week ending  
 and during week ending

30-Jun-24 (Week No. 2024-26 )  
 09-Jun-24 (Week No. 2024-23 ) 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> )			
24-Jun-24	420	160	0	36.0	52.0		0.07	0.66	0.03
25-Jun-24	380	155	1	33.5	52.5		0.07	0.66	0.03
26-Jun-24	425	160	1	31.5	46.0		0.07	0.67	0.03
27-Jun-24	425	160	0	33.5	48.5		0.07	0.66	0.03
28-Jun-24	390	165	1	30.0	46.0		0.07	0.66	0.03
Average	410	160	1	33.0	49.0		0.07		0.03
03-Jun-24	410	150	0	33.5	47.5	61.0	0.07	0.68	0.03
04-Jun-24	405	140	1	31.5	45.5	60.0	0.07	0.68	0.03
05-Jun-24	425	150	1	34.0	49.0	63.0	0.07	0.67	0.03
06-Jun-24	420	150	0	35.5	50.5	62.5	0.07	0.67	0.03
07-Jun-24	420	150	1	32.5	47.0	62.0	0.07	0.67	0.03
Average	415	150	1	33.5	48.0	61.5	0.07		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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