



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 23-Jun-24 (Week No. 2024-25 )  
 and during week ending 02-Jun-24 (Week No. 2024-22 ) 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> )			
17-Jun-24	415	165	1	30.0	45.5		0.07	0.66	0.03
18-Jun-24	415	165	1	30.0	47.0		0.07	0.66	0.03
19-Jun-24	420	160	1	32.0	46.0		0.07	0.66	0.03
20-Jun-24	425	150	0	33.5	47.0		0.07	0.66	0.03
21-Jun-24	425	150	1	34.0	47.5		0.07	0.66	0.03
Average	420	160	1	32.0	46.5		0.07		0.03
28-May-24	410	160	0	33.5	46.0	60.0	0.07	0.69	0.03
29-May-24	430	145	1	35.0	50.0	65.0	0.07	0.69	0.03
30-May-24	415	165	0	34.5	46.0	60.5	0.07	0.68	0.03
31-May-24	420	150	1	32.0	46.0	57.5	0.07	0.68	0.03
Average	420	155	1	34.0	47.0	61.0	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

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.