



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

05-May-24 (Week No. 2024-18 )

14-Apr-24 (Week No. 2024-15 ) 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> )			
29-Apr-24	420	155	0	32.0	46.0		0.07	0.71	0.03
30-Apr-24	415	160	1	30.0	44.5		0.07	0.71	0.02
01-May-24	410	155	1	30.0	45.5		0.07	0.71	0.02
02-May-24	405	160	1	29.0	44.0		0.07	0.72	0.02
03-May-24	410	160		29.0	44.5		0.07	0.71	0.02
Average	410	160	1	30.0	45.0		0.07		0.02
08-Apr-24	400	140	1	32.0	44.5	56.5	0.06	0.68	0.03
09-Apr-24	405	165	2	32.5	43.0	56.5	0.06	0.68	0.04
10-Apr-24	405	130		32.5	45.0	56.0	0.06	0.68	0.04
11-Apr-24	405	145	1	31.5	44.0	55.0	0.06	0.68	0.04
12-Apr-24	400	145	1	31.5	43.5	56.0	0.06	0.69	0.04
Average	405	145	1	32.0	44.0	56.0	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

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.