



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

24-Mar-24 (Week No. 2024-12 )

03-Mar-24 (Week No. 2024-9 ) 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> )			
18-Mar-24	405	140	1	32.5	47.0		0.06	0.67	0.03
19-Mar-24	390	140	1	32.0	49.5		0.06	0.67	0.03
20-Mar-24	400	140	1	34.0	45.0		0.06	0.67	0.03
21-Mar-24	400	135	1	30.5	44.5		0.06	0.67	0.03
22-Mar-24	405	140	1	32.0	45.5		0.06	0.68	0.03
Average	400	140	1	32.0	46.5		0.06		0.03
26-Feb-24	415	150	2	32.5	45.5	58.0	0.05	0.68	0.03
27-Feb-24	400	160	1	32.5	45.0	58.5	0.05	0.68	0.02
28-Feb-24	400	155	1	32.5	45.0	55.5	0.05	0.68	0.02
29-Feb-24	395	140	1	32.5	49.0	58.5	0.05	0.68	0.02
01-Mar-24	400	135	2	32.0	47.0	57.0	0.05	0.68	0.02
Average	400	150	1	32.5	46.5	57.5	0.05		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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