



Heidelberg Materials UK  
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 Maidenhead, Berkshire, SL6 8QZ  
 Ribblesdale Works  
 1333-CPR-00127



## Cement Test Report

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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

09-Feb-25 (Week No. 2025-5 )  
 19-Jan-25 (Week No. 2025-2 ) 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> )			
03-Feb-25	410	145	1	32.0	45.5		0.06	0.64	0.04
04-Feb-25	410	145		32.5	45.5		0.06	0.64	0.04
05-Feb-25	420	135		35.5	48.0		0.06	0.64	0.04
06-Feb-25	420	135		35.5	50.0		0.06	0.64	0.04
07-Feb-25	405	135		37.5	51.5		0.06	0.65	0.04
Average	415	140		34.5	48.0		0.06		0.04
13-Jan-25	415	140	1	33.0	45.0	55.0	0.06	0.67	0.05
14-Jan-25	420	140		33.0	44.0	54.5	0.06	0.66	0.05
15-Jan-25	420	155		32.0	44.5	57.5	0.06	0.66	0.05
16-Jan-25	405	135		33.5	46.0	56.5	0.06	0.66	0.05
17-Jan-25	410	150		32.5	45.0	56.5	0.06	0.66	0.05
Average	415	145		33.0	45.0	56.0	0.06		0.05

**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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