



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



## Cement Test Report

Heidelberg Materials UK  
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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

05-Jan-25 (Week No. 2024-53 )  
 15-Dec-24 (Week No. 2024-50 ) 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> )			
Average									
09-Dec-24	390	135	1	33.5	46.0	58.0	0.07	0.68	0.03
10-Dec-24	405	130		34.0	46.5	60.0	0.07	0.69	0.03
11-Dec-24	395	130		31.0	46.0	58.0	0.07	0.68	0.03
12-Dec-24	400	135		33.0	45.5	57.0	0.07	0.68	0.03
13-Dec-24	400	130		33.0	44.5	57.0	0.07	0.68	0.03
Average	400	130		33.0	45.5	58.0	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

*N. Cardinal*  
 Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
 National Technical Manager  
 Heidelberg Materials UK

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