



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

08-Dec-24 (Week No. 2024-49 )

17-Nov-24 (Week No. 2024-46 ) 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> )			
02-Dec-24	405	140	0	33.0	44.5		0.06	0.67	0.04
03-Dec-24	395	135		33.5	46.0		0.06	0.67	0.04
04-Dec-24	400	135		35.5	45.0		0.06	0.68	0.04
05-Dec-24	405	140		33.0	46.5		0.06	0.68	0.03
06-Dec-24	410	140		33.0	46.5		0.07	0.68	0.03
Average	405	140		33.5	45.5		0.06		0.03
11-Nov-24	405	140	1	34.5	48.5	61.0	0.05	0.66	0.03
12-Nov-24	410	135		37.0	48.5	61.0	0.05	0.66	0.03
13-Nov-24	415	130		36.0	47.0	61.0	0.06	0.66	0.03
14-Nov-24	410	140		34.0	49.0	61.5	0.06	0.66	0.03
15-Nov-24	405	135		29.0	49.0	61.0	0.06	0.66	0.03
Average	410	135		34.0	48.5	61.0	0.06		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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