



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

27-Oct-24 (Week No. 2024-43 )

06-Oct-24 (Week No. 2024-40 ) 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> )			
21-Oct-24	390	125	1	34.0	46.0		0.06	0.66	0.04
22-Oct-24	390	125		34.5	45.5		0.06	0.66	0.04
23-Oct-24	405	135		36.0	49.0		0.06	0.66	0.04
24-Oct-24	410	135		36.0	48.0		0.06	0.66	0.04
25-Oct-24	405	135		35.0	49.5		0.06	0.67	0.04
Average	400	130		35.0	47.5		0.06		0.04
30-Sep-24	400	135	1	37.0	50.0	58.0	0.07	0.64	0.04
01-Oct-24	400	140		36.5	51.5	58.5	0.07	0.64	0.04
02-Oct-24	395	140		35.0	48.0	59.0	0.06	0.64	0.04
03-Oct-24	385	140		36.5	50.5	61.5	0.06	0.64	0.04
04-Oct-24	385	140		33.5	49.5	59.0	0.06	0.64	0.04
Average	395	140		35.5	50.0	59.0	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

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