



Heidelberg Materials UK  
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 Maidenhead, Berkshire, SL6 8QZ  
 Padeswood Works  
 1333-CPR-00121



## Cement Test Report

Heidelberg Materials UK  
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Results of tests made at the laboratories of the company on samples of

Padeswood PC, BS EN 197-1:2011 - CEM I 52,5N

Dispatched from Padeswood during week ending  
 and during week ending

20-Oct-24 (Week No. 2024-42 )

29-Sep-24 (Week No. 2024-39 ) 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> )			
14-Oct-24	435	165	1	28.0	48.0		0.03	0.48	0.02
15-Oct-24	455	190		28.0	47.5		0.03	0.48	0.02
17-Oct-24	400	195		30.5	50.5		0.03	0.48	0.02
18-Oct-24	430	170		30.0	49.0		0.03	0.48	0.02
Average	430	180	1	29.0	49.0		0.03		0.02
23-Sep-24	440	200	0	29.0	45.5	60.5	0.03	0.50	0.02
24-Sep-24	435	180		30.5	47.0	61.0	0.03	0.50	0.02
26-Sep-24	435	190		31.0	50.0	61.0	0.03	0.50	0.02
27-Sep-24	440	185		26.0	44.5	54.5	0.03	0.50	0.02
Average	440	190		29.0	47.0	59.5	0.03		0.02

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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