



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

01-Sep-24 (Week No. 2024-35 )

11-Aug-24 (Week No. 2024-32 ) 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> )			
27-Aug-24	440	165	1	28.0	47.0		0.03	0.52	0.02
28-Aug-24	440	165		28.0	46.0		0.03	0.52	0.02
29-Aug-24	425	165		27.5	45.5		0.03	0.52	0.02
30-Aug-24	445	190		24.5	41.5		0.03	0.52	0.02
Average	440	170		27.0	45.0		0.03		0.02
05-Aug-24	455	170	0	28.5	46.0	58.0	0.03	0.52	0.02
06-Aug-24	440	155		28.5	48.0	58.5	0.03	0.52	0.02
08-Aug-24	410	195		24.5	43.0	54.0	0.02	0.52	0.02
09-Aug-24	430	160		30.0	50.0	56.5	0.03	0.52	0.02
Average	435	170		28.0	47.0	57.0	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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