



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



## Cement Test Report

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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

12-May-24 (Week No. 2024-19 )

21-Apr-24 (Week No. 2024-16 ) 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> )			
07-May-24	435	165	1	32.0	50.5		0.03	0.57	0.04
08-May-24	445	175		31.0	49.5		0.03	0.57	0.04
08-May-24	435	175		30.5	51.0		0.03	0.57	0.03
10-May-24	435	165		31.0	49.0		0.03	0.57	0.03
Average	440	170		31.0	50.0		0.03		0.04
15-Apr-24	425	165	1	28.5	45.5	59.5	0.03	0.57	0.03
16-Apr-24	430	160		29.0	47.5	59.0	0.03	0.57	0.03
18-Apr-24	435	175		29.0	47.0	59.5	0.03	0.58	0.03
19-Apr-24	455	185		28.0	49.0	60.0	0.03	0.57	0.03
Average	435	170		28.5	47.5	59.5	0.03		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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