



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

19-May-24 (Week No. 2024-20 )

28-Apr-24 (Week No. 2024-17 ) 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> )			
13-May-24	460	160	1	28.0	48.0		0.03	0.57	0.04
14-May-24	425	185		29.0	49.0		0.03	0.57	0.04
16-May-24	440	170		31.0	45.5		0.03	0.57	0.04
17-May-24	445	160		31.5	47.5		0.03	0.57	0.04
Average	445	170		30.0	47.5		0.03		0.04
22-Apr-24	450	180	1	33.0	56.5	66.0	0.03	0.57	0.03
23-Apr-24	450	150		32.5	52.5	60.0	0.03	0.57	0.03
25-Apr-24	440	175		34.0	52.5	63.0	0.03	0.57	0.03
26-Apr-24	430	180		30.5	47.5	59.0	0.03	0.57	0.03
Average	445	170		32.5	52.5	62.0	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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