



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

16-Jun-24 (Week No. 2024-24 )  
 26-May-24 (Week No. 2024-21 ) 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> )			
10-Jun-24	425	170	1	29.5	49.0		0.05	0.57	0.03
11-Jun-24	425	175		29.5	49.0		0.05	0.57	0.03
13-Jun-24	425	170		30.0	47.5		0.05	0.56	0.03
14-Jun-24	435	160		30.0	46.5		0.05	0.56	0.03
Average	430	170	1	30.0	48.0		0.05		0.03
20-May-24	435	175	1	31.5	50.0	58.5	0.04	0.57	0.04
21-May-24	455	175		31.0	50.5	58.0	0.04	0.57	0.04
23-May-24	435	165		30.0	49.5	60.0	0.04	0.57	0.04
24-May-24	435	195		29.5	48.5	61.5	0.04	0.57	0.04
Average	440	180		30.5	49.5	59.5	0.04		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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