



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

22-Dec-24 (Week No. 2024-51 )

01-Dec-24 (Week No. 2024-48 ) 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> )			
16-Dec-24	450	190	1	30.5	47.0		0.04	0.51	0.02
17-Dec-24	465	165		29.5	48.5		0.04	0.51	0.02
19-Dec-24	470	155		30.5	51.0		0.04	0.51	0.02
20-Dec-24	450	155		27.5	47.0		0.04	0.51	0.02
Average	460	165		29.5	48.5		0.04		0.02
25-Nov-24	440	185	1	29.5	47.0	58.5	0.04	0.49	0.02
26-Nov-24	430	165		29.5	50.0	63.5	0.04	0.49	0.02
28-Nov-24	440	170		30.0	51.0	62.5	0.04	0.50	0.02
29-Nov-24	450	165		28.5	46.5	62.5	0.04	0.50	0.02
Average	440	170	1	29.5	48.5	62.0	0.04		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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