



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

03-Nov-24 (Week No. 2024-44 )

13-Oct-24 (Week No. 2024-41 ) 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> )			
28-Oct-24	440	185	1	29.0	48.5		0.04	0.48	0.02
29-Oct-24	445	170		29.0	46.0		0.04	0.48	0.02
31-Oct-24	430	190		28.0	47.0		0.04	0.49	0.02
01-Nov-24	430	185		27.5	47.0		0.04	0.49	0.02
Average	435	185	1	28.5	47.0		0.04		0.02
08-Oct-24	425	165	0	31.0	49.5	59.5	0.03	0.49	0.02
08-Oct-24	430	165		32.5	51.0	61.5	0.03	0.49	0.02
11-Oct-24	430	165		30.0	49.5	58.5	0.03	0.49	0.02
Average	430	165		31.0	50.0	60.0	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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