



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

25-Aug-24 (Week No. 2024-34 )

04-Aug-24 (Week No. 2024-31 ) 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> )			
19-Aug-24	420	175	1	27.5	45.5		0.03	0.52	0.02
20-Aug-24	425	170		26.5	44.5		0.03	0.52	0.02
22-Aug-24	435	165		28.0	46.5		0.03	0.52	0.02
23-Aug-24	430	180		29.0	46.5		0.03	0.52	0.02
Average	430	175		28.0	46.0		0.03		0.02
29-Jul-24	425	180	2	30.0	46.0	59.0	0.03	0.53	0.03
30-Jul-24	445	190		27.0	46.5	57.5	0.03	0.53	0.03
01-Aug-24	445	170		29.5	48.0	59.5	0.03	0.52	0.03
02-Aug-24	435	170		29.5	45.5	57.0	0.03	0.52	0.02
Average	440	180	1	29.0	46.5	58.5	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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