



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

28-Apr-24 (Week No. 2024-17 )

07-Apr-24 (Week No. 2024-14 ) 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> )			
22-Apr-24	450	180	1	33.0	56.5		0.03	0.57	0.03
23-Apr-24	450	150		32.5	52.5		0.03	0.57	0.03
25-Apr-24	440	175		34.0	52.5		0.03	0.57	0.03
26-Apr-24	430	180		30.5	47.5		0.03	0.57	0.03
Average	445	170		32.5	52.5		0.03		0.03
02-Apr-24	405	160	1	27.5	46.5	60.0	0.03	0.56	0.03
03-Apr-24	405	165		29.5	46.0	59.0	0.03	0.56	0.03
04-Apr-24	425	165		30.0	46.5	58.0	0.03	0.56	0.03
05-Apr-24	435	170		28.0	47.5	59.5	0.03	0.56	0.03
Average	420	165	1	29.0	46.5	59.0	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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