



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 11-Feb-24 (Week No. 2024-6 )  
 and during week ending 21-Jan-24 (Week No. 2024-3 ) for 28 day results

Date	Fineness Specific Surface (m <sup>2</sup> /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength 40mm x 40mm x 160mm Mortar prisms			Chloride %	Alkali	
				2 Days (N/mm <sup>2</sup> )	7 Days (N/mm <sup>2</sup> )	28 Days (N/mm <sup>2</sup> )		Certified Average Alkali % Na <sub>2</sub> O eq	Standard Deviation
05-Feb-24	445	175	1	29.5	46.5		0.04	0.66	0.05
06-Feb-24	435	180	0	28.0	46.5		0.04	0.66	0.05
08-Feb-24	425	175	0	29.5	43.5		0.04	0.66	0.04
09-Feb-24	435	195	0	28.5	46.5		0.04	0.66	0.05
Average	435	180	0	29.0	46.0		0.04		0.05
15-Jan-24	455	170	0	30.5	47.5	60.0	0.04	0.62	0.04
15-Jan-24	480	185	1	31.5	50.5	64.0	0.03	0.62	0.04
18-Jan-24	460	170	0	31.0	47.5	58.5	0.03	0.62	0.05
19-Jan-24	450	190	0	30.5	48.5	58.5	0.03	0.62	0.05
Average	460	180	1	31.0	48.5	60.5	0.03		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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