



Heidelberg Materials UK  
 Second Floor, Arena Court, Crown Lane  
 Maidenhead, Berkshire, SL6 8QZ  
 Padeswood Works  
 1333-CPR-00121



## Cement Test Report

Heidelberg Materials  
 UK  
 Ketton  
 Stamford  
 PE9 3SX  
 Tel: 01330 123 2074  
 Fax: 01780 727008

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

4-Feb-24 (Week No. 2024-5 )

and during week ending

14-Jan-24 (Week No. 2024-2 ) 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> )			
29-Jan-24	460	195	1	29.5	45.5		0.03	0.64	0.05
30-Jan-24	440	165	0	30.5	49.5		0.03	0.64	0.05
1-Feb-24	445	185	0	29.5	47.0		0.04	0.64	0.05
2-Feb-24	465	190	0	28.0	45.5		0.04	0.65	0.05
Average	455	185	0	29.5	47.0		0.04		0.05
8-Jan-24	465	180	1	32.5	50.0	58.5	0.04	0.61	0.04
9-Jan-24	440	185	0	32.0	52.0	60.5	0.04	0.61	0.04
11-Jan-24	430	185	0	28.5	45.0	57.0	0.04	0.61	0.04
12-Jan-24	440	190	0	28.5	45.0	55.5	0.04	0.61	0.04
Average	445	185	0	30.5	48.0	58.0	0.04		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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