



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

05-Jan-25 (Week No. 2025-1 )

15-Dec-24 (Week No. 2024-50 ) 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> )			
06-Jan-25	465	135	1	30.5	49.5		0.04	0.51	0.02
07-Jan-25	460	160		29.5	48.5		0.04	0.51	0.02
09-Jan-25	455	160		31.5	47.0		0.04	0.51	0.02
10-Jan-25	430	185		28.5	46.0		0.04	0.51	0.02
Average	455	160	1	30.0	48.0		0.04		0.02
09-Dec-24	440	125	1	30.0	49.0	61.0	0.04	0.50	0.02
10-Dec-24	470	165		30.5	48.5	60.5	0.04	0.51	0.02
12-Dec-24	455	175		29.5	46.5	60.5	0.04	0.51	0.02
13-Dec-24	470	135		33.0	47.0	58.0	0.04	0.51	0.02
Average	460	150	1	31.0	48.0	60.0	0.04		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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