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 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 14-Jan-24 (Week No. 2024-2 )  
 and during week ending 24-Dec-23 (Week No. 2023-51 ) 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> )			
08-Jan-24	465	180	1	32.5	50.0		0.04	0.61	0.04
09-Jan-24	440	185	0	32.0	52.0		0.04	0.61	0.04
11-Jan-24	430	185	0	27.5	45.0		0.04	0.61	0.04
12-Jan-24	440	190	0	28.0	44.5		0.04	0.61	0.04
Average	445	185	0	30.0	48.0		0.04		0.04
18-Dec-23	435	180	0	31.0	50.0	61.0	0.04	0.60	0.03
19-Dec-23	450	170	0	31.0	49.5	62.5	0.04	0.61	0.03
19-Dec-23	440	170	0	29.5	47.0	62.0	0.04	0.60	0.04
Average	440	175	0	30.5	49.0	62.0	0.04		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, MiMMM  
 National Technical Manager  
 Heidelberg Materials UK

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