



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



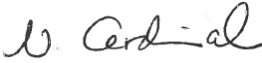
Cement Test Report

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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 22-Sep-24 (Week No. 2024-38)
and during week ending 01-Sep-24 (Week No. 2024-35) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m ² /kg)	Initial (mins)	Expansion (mm)	40mm x 40mm x 160mm Mortar prisms			%	Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
16-Sep-24	430	185	1	26.5	47.5		0.03	0.50	0.02
17-Sep-24	445	185	1	26.5	48.0		0.03	0.50	0.02
19-Sep-24	465	180		29.0	47.5		0.03	0.50	0.02
20-Sep-24	455	195		27.5	46.5		0.03	0.50	0.02
Average	450	185	1	27.5	47.5		0.03		0.02
27-Aug-24	440	165	1	28.0	47.0	59.5	0.03	0.52	0.02
28-Aug-24	440	165		28.0	46.0	57.5	0.03	0.52	0.02
29-Aug-24	425	165		27.5	45.5	58.0	0.03	0.52	0.02
30-Aug-24	445	190		24.5	41.5	53.0	0.03	0.52	0.02
Average	440	170		27.0	45.0	57.0	0.03		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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