



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



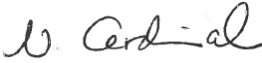
Cement Test Report

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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 8-Sep-24 (Week No. 2024-36)
and during week ending 18-Aug-24 (Week No. 2024-33) 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)			
2-Sep-24	435	145	0	29.0	47.0		0.03	0.51	0.02
3-Sep-24	435	145		31.0	48.5		0.03	0.51	0.02
4-Sep-24	435	170		30.0	46.5		0.03	0.51	0.02
6-Sep-24	445	145		29.5	46.0		0.03	0.51	0.02
Average	440	150		30.0	47.0		0.03		0.02
12-Aug-24	445	165	1	31.5	52.5	60.5	0.02	0.52	0.02
13-Aug-24	435	165		27.5	44.0	61.0	0.02	0.52	0.02
15-Aug-24	410	170		30.0	52.5	61.0	0.03	0.52	0.02
16-Aug-24	435	165		28.5	47.0	57.5	0.03	0.52	0.02
Average	430	165	1	29.5	49.0	60.0	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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