



Heidelberg Materials UK
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 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
 and during week ending

27-Oct-24 (Week No. 2024-43)

06-Oct-24 (Week No. 2024-40) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				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)			
21-Oct-24	465	170	1	31.0	49.0		0.03	0.48	0.02
21-Oct-24	455	190		29.5	46.5		0.03	0.48	0.02
24-Oct-24	440	185		28.5	45.5		0.04	0.48	0.02
25-Oct-24	430	180		26.5	44.0		0.03	0.48	0.02
Average	450	180		29.0	46.5		0.03		0.02
30-Sep-24	455	170	1	30.0	51.0	61.5	0.03	0.49	0.02
01-Oct-24	435	165		29.0	48.5	59.0	0.03	0.49	0.02
02-Oct-24	455	185		28.5	48.0	57.5	0.03	0.49	0.02
03-Oct-24	445	185		26.0	43.0	56.5	0.03	0.49	0.02
04-Oct-24	445	165		29.5	48.0	59.0	0.03	0.49	0.02
Average	445	175			28.5	47.5	58.5	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, MICT
 National Technical Manager
 Heidelberg Materials UK

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