



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

10-Nov-24 (Week No. 2024-45)

20-Oct-24 (Week No. 2024-42) 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)			
04-Nov-24	450	175	1	29.0	48.0		0.04	0.49	0.02
05-Nov-24	445	160		30.0	48.0		0.04	0.49	0.02
07-Nov-24	420	175		30.5	49.5		0.04	0.49	0.02
08-Nov-24	435	170		31.0	50.0		0.04	0.49	0.02
Average	440	170		30.0	49.0		0.04		0.02
14-Oct-24	435	165	1	28.0	48.0	56.0	0.03	0.48	0.02
15-Oct-24	455	190		28.0	47.5	57.5	0.03	0.48	0.02
17-Oct-24	400	195		30.5	50.5	62.5	0.03	0.48	0.02
18-Oct-24	430	170		30.0	49.0	59.0	0.03	0.48	0.02
Average	430	180	1	29.0	49.0	59.0	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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