



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

02-Jun-24 (Week No. 2024-22)

12-May-24 (Week No. 2024-19) 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)			
28-May-24	435	180	2	29.5	51.5		0.04	0.57	0.04
28-May-24	420	190		29.5	50.5		0.04	0.56	0.04
30-May-24	435	160		31.0	49.5		0.04	0.56	0.03
31-May-24	430	165		28.0	47.0		0.04	0.56	0.03
Average	430	175	1	29.5	49.5		0.04		0.04
07-May-24	435	165	1	32.0	50.5	65.5	0.03	0.57	0.04
08-May-24	445	175		31.0	49.5	62.0	0.03	0.57	0.04
08-May-24	435	175		30.5	51.0	62.5	0.03	0.57	0.03
10-May-24	435	165		31.0	49.0	61.0	0.03	0.57	0.03
Average	440	170		31.0	50.0	63.0	0.03		0.04

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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