



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

05-May-24 (Week No. 2024-18)

14-Apr-24 (Week No. 2024-15) 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)			
29-Apr-24	440	170	1	31.0	49.5		0.03	0.57	0.03
30-Apr-24	425	150		32.0	48.5		0.03	0.57	0.03
02-May-24	430	170		29.0	49.0		0.03	0.58	0.03
03-May-24	440	170		28.5	48.5		0.03	0.57	0.03
Average	435	165		30.0	49.0		0.03		0.03
08-Apr-24	435	145	1	29.0	48.0	60.5	0.03	0.56	0.03
09-Apr-24	435	160		28.0	48.0	59.5	0.03	0.56	0.03
11-Apr-24	425	170		28.5	45.0	59.0	0.03	0.56	0.03
12-Apr-24	440	170		28.5	45.5	57.5	0.03	0.57	0.03
Average	435	160	1	28.5	46.5	59.0	0.03		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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