



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

09-Jun-24 (Week No. 2024-23)

19-May-24 (Week No. 2024-20) 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)			
03-Jun-24	425	165	1	28.5	51.5		0.04	0.56	0.03
04-Jun-24	440	160		29.5	51.0		0.04	0.56	0.03
06-Jun-24	445	175		31.0	54.0		0.05	0.56	0.03
07-Jun-24	425	175		28.5	48.0		0.05	0.56	0.03
Average	435	170	1	29.5	51.0		0.05		0.03
13-May-24	460	160	1	28.0	48.0	58.5	0.03	0.57	0.04
14-May-24	425	185		29.0	49.0	58.0	0.03	0.57	0.04
16-May-24	440	170		31.0	45.5	59.0	0.03	0.57	0.04
17-May-24	445	160		31.5	47.5	59.5	0.03	0.57	0.04
Average	445	170		30.0	47.5	59.0	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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