



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

07-Jul-24 (Week No. 2024-27)
 16-Jun-24 (Week No. 2024-24) 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)			
01-Jul-24	445	145	1	31.5	48.5		0.05	0.56	0.03
02-Jul-24	415	175		27.0	48.5		0.05	0.56	0.03
04-Jul-24	415	180		31.0	49.5		0.05	0.55	0.03
05-Jul-24	415	170		26.0	46.0		0.05	0.55	0.03
Average	425	170	1	29.0	48.0		0.05		0.03
10-Jun-24	425	170	1	29.5	49.0	59.5	0.05	0.57	0.03
11-Jun-24	425	175		29.5	49.0	59.0	0.05	0.57	0.03
13-Jun-24	425	170		30.0	47.5	60.5	0.05	0.56	0.03
14-Jun-24	435	160		30.0	46.5	61.0	0.05	0.56	0.03
Average	430	170	1	30.0	48.0	60.0	0.05		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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