



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

21-Apr-24 (Week No. 2024-16)

31-Mar-24 (Week No. 2024-13) 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)			
15-Apr-24	425	165	1	28.5	45.5		0.03	0.57	0.03
16-Apr-24	430	160		29.0	47.5		0.03	0.57	0.03
18-Apr-24	435	175		29.0	47.0		0.03	0.58	0.03
19-Apr-24	455	185		28.0	49.0		0.03	0.57	0.03
Average	435	170		28.5	47.5		0.03		0.03
25-Mar-24	415	170	1	28.0	47.5	58.0	0.04	0.55	0.03
26-Mar-24	405	160		26.5	46.5	57.5	0.03	0.56	0.03
26-Mar-24	425	160		29.5	47.0	61.0	0.03	0.55	0.03
28-Mar-24	465	160		27.0	43.5	54.0	0.03	0.55	0.03
Average	430	165	1	28.0	46.0	57.5	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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