



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

14-Apr-24 (Week No. 2024-15)
 24-Mar-24 (Week No. 2024-12) 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)			
08-Apr-24	435	145	1	29.0	48.0		0.03	0.56	0.03
09-Apr-24	435	160		28.0	48.0		0.03	0.56	0.03
11-Apr-24	425	170		28.5	45.0		0.03	0.56	0.03
12-Apr-24	440	170		28.5	45.5		0.03	0.57	0.03
Average	435	160	1	28.5	46.5		0.03		0.03
18-Mar-24	395	160	1	26.5	44.5	58.0	0.04	0.56	0.03
19-Mar-24	420	160		27.5	46.0	59.0	0.04	0.56	0.03
21-Mar-24	405	160		27.0	46.5	61.5	0.04	0.56	0.03
22-Mar-24	430	165		27.5	45.0	61.5	0.04	0.55	0.03
Average	415	160	1	27.0	45.5	60.0	0.04		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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