



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

15-Oct-23 (Week No. 2023-41)
24-Sep-23 (Week No. 2023-38) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m²/kg)	Initial (mins)	Expansion (mm)	40mm x 40mm x 160mm Mortar prisms			%	Certified Average Alkali % Na₂O eq	Standard Deviation
				2 Days (N/mm²)	7 Days (N/mm²)	28 Days (N/mm²)			
09-Oct-23	420	170	1	28.5	47.0		0.04	0.62	0.05
10-Oct-23	415	165	1	28.5	46.5		0.04	0.62	0.05
12-Oct-23	420	175	1	31.0	48.0		0.04	0.62	0.05
13-Oct-23	420	200	1	28.0	47.5		0.04	0.62	0.04
Average	420	180	1	29.0	47.5		0.04		0.05
18-Sep-23	430	180	1	30.0	47.0	58.5	0.04	0.60	0.05
19-Sep-23	410	160	3	31.0	48.0	61.0	0.04	0.61	0.05
21-Sep-23	420	180	1	29.0	48.5	60.5	0.04	0.60	0.05
22-Sep-23	425	175	1	32.0	50.0	60.0	0.04	0.61	0.05
Average	420	175	1	30.5	48.5	60.0	0.04		0.05

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, MiMMM
National Technical Manager
Heidelberg Materials UK

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