



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

08-Oct-23 (Week No. 2023-40)
17-Sep-23 (Week No. 2023-37) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m ² /kg)	Initial (mins)	Expansion (mm)	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)			
02-Oct-23	425	175	2	29.5	48.5		0.04	0.61	0.05
03-Oct-23	425	170	1	29.5	48.0		0.04	0.61	0.05
05-Oct-23	430	170	1	28.5	47.0		0.04	0.61	0.05
06-Oct-23	420	165	0	28.5	46.0		0.04	0.61	0.05
Average	425	170	1	29.0	47.5		0.04		0.05
11-Sep-23	440	140	1	26.5	46.0	58.0	0.04	0.59	0.03
12-Sep-23	440	180	1	27.5	46.0	58.0	0.04	0.59	0.04
14-Sep-23	425	175	1	30.5	47.0	59.5	0.04	0.59	0.04
14-Sep-23	420	170	1	27.5	43.0	56.0	0.04	0.60	0.04
Average	430	165	1	28.0	45.5	58.0	0.04		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, MiMMM
National Technical Manager
Heidelberg Materials UK

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