



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

10-Dec-23 (Week No. 2023-49)
19-Nov-23 (Week No. 2023-46) 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)			
04-Dec-23	445	185	2	33.0	51.5		0.04	0.62	0.03
05-Dec-23	435	175	1	32.5	50.0		0.04	0.62	0.02
07-Dec-23	440	170	2	33.0	52.5		0.04	0.62	0.02
08-Dec-23	440	175	1	28.0	48.0		0.04	0.62	0.03
Average	440	175	1	31.5	50.5		0.04		0.03
13-Nov-23	435	170	1	30.5	49.5	59.0	0.04	0.62	0.03
14-Nov-23	435	160	1	31.5	49.0	58.5	0.04	0.62	0.03
16-Nov-23	450	195	0	29.0	48.0	59.5	0.04	0.62	0.03
17-Nov-23	435	195	1	28.5	46.5	59.0	0.04	0.62	0.03
Average	440	180	1	30.0	48.5	59.0	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, MiMMM
National Technical Manager
Heidelberg Materials UK

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