



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

23-Feb-25 (Week No. 2025-7)
02-Feb-25 (Week No. 2025-4) 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)			
17-Feb-25	440	185	2	30.5	50.0		0.04	0.54	0.03
18-Feb-25	450	170		30.5	51.0		0.05	0.54	0.03
20-Feb-25	435	195		29.5	47.5		0.05	0.54	0.03
21-Feb-25	425	185		31.0	52.5		0.05	0.54	0.03
Average	440	185	1	30.5	50.5		0.05		0.03
27-Jan-25	450	165	1	29.0	48.5	60.5	0.04	0.52	0.02
28-Jan-25	455	155		30.0	47.5	62.0	0.04	0.53	0.02
30-Jan-25	450	190		27.0	47.0	59.5	0.04	0.53	0.02
31-Jan-25	445	180		28.5	47.0	58.5	0.04	0.53	0.02
Average	450	175	1	28.5	47.5	60.0	0.04		0.02

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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