



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

29-Jun-25 (Week No. 2025-25)
08-Jun-25 (Week No. 2025-22) 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)			
23-Jun-25	430	175	2	30.5	48.0		0.04	0.49	0.04
24-Jun-25	405	165		30.5	48.5		0.04	0.49	0.04
26-Jun-25	405	150		29.5	50.0		0.04	0.49	0.04
27-Jun-25	400	170		25.5	45.5		0.04	0.48	0.04
Average	410	165	1	29.0	48.0		0.04		0.04
02-Jun-25	420	160	2	29.5	48.5	59.0	0.04	0.52	0.02
03-Jun-25	420	165		30.5	49.5	62.0	0.04	0.52	0.02
05-Jun-25	410	165		27.0	49.0	59.0	0.04	0.52	0.02
06-Jun-25	410	160		29.5	49.5	60.0	0.04	0.52	0.02
Average	415	165	1	29.0	49.0	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
Technical Strategy Director
Heidelberg Materials UK

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