



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

11-May-25 (Week No. 2025-18)
20-Apr-25 (Week No. 2025-15) 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)			
05-May-25	420	175	2	29.5	48.0		0.03	0.50	0.02
06-May-25	405	175		28.0	49.0		0.03	0.50	0.02
08-May-25	390	160		30.5	49.0		0.03	0.50	0.02
09-May-25	420	185		29.5	49.5		0.03	0.50	0.02
Average	410	175	1	29.5	49.0		0.03		0.02
14-Apr-25	395	170	1	27.0	49.5	60.5	0.03	0.50	0.03
15-Apr-25	405	165		28.5	49.0	62.0	0.03	0.49	0.02
16-Apr-25	410	185		26.5	47.5	61.0	0.03	0.49	0.02
17-Apr-25	405	170		28.5	48.5	63.0	0.03	0.49	0.02
Average	405	175	1	27.5	48.5	61.5	0.03		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, MICT
Technical Strategy Director
Heidelberg Materials UK

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