



Heidelberg Materials UK
Second Floor, Arena Court, Crown Lane
Maidenhead, Berkshire, SL6 8QZ
Padeswood Works
1333-CPR-00121



Cement Test Report

Heidelberg Materials UK
Ketton
Stamford
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

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

13-Jul-25 (Week No. 2025-27)
22-Jun-25 (Week No. 2025-24) 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)			
07-Jul-25	430	165	1	29.5	49.5		0.03	0.47	0.03
08-Jul-25	415	170		27.5	47.0		0.03	0.47	0.03
10-Jul-25	405	165		28.5	44.5		0.03	0.47	0.03
11-Jul-25	425	175		28.0	45.5		0.03	0.47	0.03
Average	420	170	1	28.5	46.5		0.03		0.03
16-Jun-25	440	165	1	29.5	47.0	59.5	0.04	0.51	0.04
17-Jun-25	420	170		30.0	47.5	62.0	0.04	0.50	0.04
19-Jun-25	415	170		29.0	46.5	58.0	0.04	0.50	0.04
20-Jun-25	425	175		29.5	49.0	61.5	0.04	0.50	0.04
Average	425	170		29.5	47.5	60.5	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, MICT
Technical Strategy Director
Heidelberg Materials UK

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