



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

06-Apr-25 (Week No. 2025-13)
16-Mar-25 (Week No. 2025-10) 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)			
31-Mar-25	420	180	1	26.0	47.0		0.04	0.51	0.03
01-Apr-25	425	185		24.5	44.5		0.04	0.51	0.03
03-Apr-25	430	170		28.0	49.0		0.04	0.51	0.04
04-Apr-25	420	140		29.5	48.0		0.04	0.50	0.04
Average	425	170	1	27.0	47.0		0.04		0.04
10-Mar-25	430	185	0	27.5	47.0	59.0	0.05	0.54	0.04
11-Mar-25	435	160		28.0	47.0	61.5	0.05	0.54	0.04
13-Mar-25	420	185		27.5	48.0	60.5	0.04	0.54	0.04
14-Mar-25	425	160		27.5	48.0	57.5	0.04	0.54	0.04
Average	430	175		27.5	47.5	59.5	0.05		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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