



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

09-Nov-25 (Week No. 2025-44)
19-Oct-25 (Week No. 2025-41) 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)			
03-Nov-25	405	155	1	30.5	48.0		0.04	0.50	0.03
04-Nov-25	400	170		29.0	47.5		0.04	0.50	0.03
06-Nov-25	395	170		28.0	45.5		0.04	0.51	0.03
07-Nov-25	380	175		29.5	47.0		0.04	0.51	0.03
Average	395	170	1	29.5	47.0		0.04		0.03
13-Oct-25	420	175	1	29.5	48.0	59.5	0.04	0.49	0.02
14-Oct-25	425	165		30.5	48.5	61.0	0.05	0.49	0.02
16-Oct-25	415			30.5	50.5	61.5	0.04	0.49	0.02
17-Oct-25	395			29.0	47.5	61.0	0.05	0.49	0.02
Average	415		1	30.0	48.5	61.0	0.05		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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