



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

18-May-25 (Week No. 2025-19)
27-Apr-25 (Week No. 2025-16) 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)			
12-May-25	440	175	1	28.0	48.0		0.03	0.50	0.02
13-May-25	425	170		32.0	50.5		0.03	0.50	0.02
15-May-25	385	170	1	30.5	48.0		0.03	0.51	0.03
16-May-25	415	180		31.0	48.0		0.03	0.51	0.02
Average									
21-Apr-25	400	180	1	26.0	46.0	59.0	0.03	0.49	0.02
22-Apr-25	420	180		29.0	46.5	59.5	0.03	0.49	0.02
24-Apr-25	415	185		27.0	46.0	62.0	0.03	0.49	0.02
25-Apr-25	425	190		29.0	50.0	62.5	0.03	0.49	0.02
Average	415	185		28.0	47.0	61.0	0.03		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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