



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

21-Sep-25 (Week No. 2025-37)
31-Aug-25 (Week No. 2025-34) 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)			
15-Sep-25	410	150	1	30.5	50.5		0.04	0.49	0.05
16-Sep-25	440	160	1	28.5	48.0		0.04	0.49	0.04
18-Sep-25	400			32.5	51.5		0.04	0.48	0.04
19-Sep-25	415			30.5	50.0		0.04	0.48	0.03
Average	415			1	30.5	50.0		0.04	
26-Aug-25	390	170	0	29.0	48.0	62.5	0.04	0.51	0.06
27-Aug-25	395	140	0	30.5	51.5	63.0	0.04	0.51	0.06
28-Aug-25	405			30.5	52.0	62.5	0.04	0.51	0.06
29-Aug-25	405			31.0	49.0	63.5	0.04	0.51	0.05
Average	400				30.5	50.0	63.0	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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