



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

30-Mar-25 (Week No. 2025-12)
09-Mar-25 (Week No. 2025-9) 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)			
24-Mar-25	400	170	1	26.0	48.5		0.04	0.52	0.04
25-Mar-25	410	165		28.5	48.0		0.04	0.52	0.04
27-Mar-25	405	160		28.0	49.0		0.04	0.51	0.04
28-Mar-25	415	180		29.0	48.5		0.04	0.51	0.04
Average	410	170	1	28.0	48.5		0.04		0.04
03-Mar-25	425	155	1	33.0	53.5	66.5	0.05	0.55	0.04
04-Mar-25	440	160		31.0	51.0	62.5	0.05	0.54	0.04
06-Mar-25	435	160		28.0	49.0	61.0	0.05	0.54	0.04
07-Mar-25	440	175		28.0	47.0	60.0	0.05	0.54	0.04
Average	435	165	1	30.0	50.0	62.5	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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