



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-Feb-25 (Week No. 2025-5)
 19-Jan-25 (Week No. 2025-2) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				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)			
03-Feb-25	445	170	1	27.5	45.0		0.04	0.53	0.02
04-Feb-25	435	180		28.5	47.5		0.04	0.53	0.02
06-Feb-25	435	170		29.5	47.0		0.04	0.53	0.03
07-Feb-25	440	145		30.0	51.0		0.04	0.54	0.03
Average	440	165		29.0	47.5		0.04		0.02
13-Jan-25	445	155	1	31.0	51.0	61.0	0.04	0.52	0.02
14-Jan-25	440	185		32.0	49.5	61.0	0.04	0.52	0.02
16-Jan-25	450	160		31.5	50.0	62.0	0.04	0.52	0.02
17-Jan-25	435	145		31.0	47.0	61.5	0.04	0.52	0.02
Average	445	160	1	31.5	49.5	61.5	0.04		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
 National Technical Manager
 Heidelberg Materials UK

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