



Heidelberg Materials UK
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 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

28-Jan-24 (Week No. 2024-4)
 07-Jan-24 (Week No. 2024-1) 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)			
22-Jan-24	445	185	1	30.0	49.0		0.03	0.62	0.05
23-Jan-24	445	195	0	28.5	48.5		0.03	0.62	0.05
25-Jan-24	440	170	0	29.0	48.0		0.03	0.63	0.05
26-Jan-24	435	185	0	32.0	51.0		0.03	0.63	0.05
Average	440	185	0	30.0	49.0		0.03		0.05
02-Jan-24	465	180	1	30.0	48.0	61.0	0.04	0.60	0.04
03-Jan-24	450	175	0	29.0	49.0	60.5	0.04	0.60	0.04
04-Jan-24	435	170	0	29.0	49.0	60.5	0.04	0.60	0.04
05-Jan-24	440	170	0	30.0	46.5	57.0	0.04	0.61	0.04
Average	450	175	0	29.5	48.0	60.0	0.04		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
 National Technical Manager
 Heidelberg Materials UK

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