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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 6-Oct-24 (Week No. 2024-40)
 and during week ending 15-Sep-24 (Week No. 2024-37) 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)			
30-Sep-24	455	170	1	30.0	51.0		0.03	0.49	0.02
1-Oct-24	435	165		29.0	48.5		0.03	0.49	0.02
2-Oct-24	455	185		28.5	48.0		0.03	0.49	0.02
3-Oct-24	445	185		26.0	42.5		0.03	0.49	0.02
4-Oct-24	445	165	1	29.5	48.0		0.03	0.49	0.02
Average	445	175	1	28.5	47.5		0.03		0.02
9-Sep-24	445	150	1	30.0	50.5	62.0	0.03	0.51	0.02
10-Sep-24	430	170		28.0	48.0	61.5	0.03	0.51	0.02
12-Sep-24	405	165		25.5	46.5	59.0	0.03	0.51	0.02
13-Sep-24	450	190		26.0	47.0	53.5	0.03	0.51	0.02
Average	435	170		27.5	48.0	59.0	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
 National Technical Manager
 Heidelberg Materials UK

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