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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 08-Dec-24 (Week No. 2024-49)
 and during week ending 17-Nov-24 (Week No. 2024-46) 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)			
02-Dec-24	440	175	1	28.5	48.0		0.04	0.50	0.02
03-Dec-24	470	150		28.5	49.5		0.04	0.50	0.02
05-Dec-24	435	170		28.5	47.5		0.04	0.50	0.02
06-Dec-24	455	155		25.0	49.5		0.04	0.50	0.02
Average	450	165		27.5	48.5		0.04		0.02
11-Nov-24	430	180	1	31.5	51.5	63.5	0.04	0.49	0.02
13-Nov-24	435	165		30.0	46.0	61.5	0.04	0.49	0.02
15-Nov-24	445	180		31.0	51.0	61.5	0.04	0.49	0.02
Average	435	175		31.0	49.5	62.0	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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