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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 17-Mar-24 (Week No. 2024-11)
 and during week ending 25-Feb-24 (Week No. 2024-8) 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)			
11-Mar-24	420	170		29.0	48.0		0.04	0.57	0.03
12-Mar-24	410	155		27.0	47.5		0.04	0.56	0.03
14-Mar-24	410	160		29.5	46.0		0.04	0.56	0.03
15-Mar-24	410	160		28.5	45.0		0.04	0.56	0.03
Average	415	160		28.5	46.5		0.04		0.03
19-Feb-24	440	165		29.5	48.0	63.0	0.04	0.56	0.02
20-Feb-24	420	170	1	30.0	50.0	63.0	0.04	0.56	0.02
22-Feb-24	405	170		29.5	48.0	63.5	0.04	0.57	0.02
23-Feb-24	415	165		29.0	47.5	62.0	0.04	0.57	0.02
Average	420	170	1	29.5	48.5	63.0	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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