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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 11-Aug-24 (Week No. 2024-32)
 and during week ending 21-Jul-24 (Week No. 2024-29) 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)			
5-Aug-24	455	170	0	28.5	46.0		0.03	0.52	0.02
6-Aug-24	440	155		28.5	48.0		0.03	0.52	0.02
8-Aug-24	410	195		24.0	43.0		0.02	0.52	0.02
9-Aug-24	430	160		30.0	50.0		0.03	0.52	0.02
Average	435	170		28.0	47.0		0.03		0.02
15-Jul-24	425	170	1	27.5	48.0	55.5	0.04	0.54	0.03
16-Jul-24	425	170		28.0	46.0	57.5	0.04	0.54	0.04
18-Jul-24	430	170		30.0	46.5	59.0	0.04	0.54	0.04
19-Jul-24	405	165		29.0	44.0	57.0	0.04	0.54	0.04
Average	420	170	1	28.5	46.0	57.5	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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