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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

17-Dec-23 (Week No. 2023-50)
 26-Nov-23 (Week No. 2023-47) 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-Dec-23	430	195	0	27.0	47.0		0.04	0.62	0.03
12-Dec-23	445	180	1	33.0	50.0		0.04	0.62	0.03
14-Dec-23	415	175	1	30.5	50.5		0.04	0.61	0.03
15-Dec-23	425	175	1	30.5	51.5		0.04	0.61	0.03
Average	430	180	1	30.5	50.0		0.04		0.03
20-Nov-23	435	190	1	29.5	48.5	61.0	0.04	0.62	0.03
21-Nov-23	415	160	1	31.5	50.0	63.5	0.04	0.62	0.03
23-Nov-23	430	160	0	32.5	48.5	61.0	0.04	0.62	0.03
24-Nov-23	445	150	1	32.5	50.0	59.0	0.04	0.62	0.03
Average	430	165	1	31.5	49.5	61.0	0.04		0.03

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, MiMMM
 National Technical Manager
 Heidelberg Materials UK

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