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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

12-Nov-23 (Week No. 2023-45)
 22-Oct-23 (Week No. 2023-42) 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)			
06-Nov-23	435	175	1	31.5	49.5		0.04	0.61	0.03
07-Nov-23	445	185	1	29.5	46.5		0.04	0.62	0.03
09-Nov-23	435	170	1	30.5	49.0		0.04	0.62	0.03
10-Nov-23	410	195	1	28.5	45.5		0.04	0.62	0.03
Average	430	180	1	30.0	47.5		0.04		0.03
16-Oct-23	425	190	1	30.0	46.0	60.5	0.04	0.62	0.04
17-Oct-23	440	180	0	29.0	46.0	57.5	0.04	0.62	0.05
19-Oct-23	435	185	1	28.5	46.5	58.5	0.04	0.62	0.05
20-Oct-23	430	165	1	29.0	47.0	57.5	0.04	0.62	0.05
Average	435	180	1	29.0	46.5	58.5	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, MiMMM
 National Technical Manager
 Heidelberg Materials UK

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