



Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Padeswood Works
1333-CPR-00121



Cement Test Report

Hanson Cement
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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

11-Sep-22 (Week No. 2022-36)
21-Aug-22 (Week No. 2022-33) 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)			
05-Sep-22	445	170	0	30.0	48.0		0.04	0.55	0.05
06-Sep-22	440	190	1	31.5	50.5		0.04	0.55	0.05
08-Sep-22	410	200	0	31.0	49.5		0.04	0.54	0.05
09-Sep-22	445	175	1	32.5	49.0		0.04	0.54	0.05
Average	435	185	1	31.5	49.5		0.04		0.05
15-Aug-22	430	165	0	32.5	48.0	60.5	0.04	0.59	0.04
16-Aug-22	435	165	0	32.0	49.5	61.0	0.04	0.58	0.04
18-Aug-22	445	170	0	30.0	46.0	58.0	0.04	0.58	0.05
19-Aug-22	420	180	1	29.5	50.5	62.5	0.04	0.58	0.05
Average	435	170	0	31.0	48.5	60.5	0.04		0.04

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
HANSON CEMENT

Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
National Technical Manager
Hanson Cement

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