



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

15-Jan-23 (Week No. 2023-2)
25-Dec-22 (Week No. 2022-51) 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)			
09-Jan-23	440	175	0	28.5	48.5		0.03	0.53	0.04
10-Jan-23	455	175	0	30.0	47.0		0.03	0.53	0.04
12-Jan-23	435	165	0	31.5	51.0		0.03	0.53	0.03
13-Jan-23	450	170	0	30.5	45.0		0.03	0.53	0.03
Average	445	170	0	30.0	48.0		0.03		0.04
19-Dec-22	440	160	1	31.5	49.5	60.0	0.03	0.52	0.03
20-Dec-22	440	165	1	31.5	47.5	60.5	0.03	0.53	0.03
21-Dec-22	440	170	0	28.5	46.0	59.5	0.03	0.53	0.03
Average	440	165	1	30.5	47.5	60.0	0.03		0.03

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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