



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

16-Oct-22 (Week No. 2022-41)
25-Sep-22 (Week No. 2022-38) 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)			
10-Oct-22	415	205	1	28.5	50.0		0.04	0.50	0.05
11-Oct-22	420	170	2	31.0	51.5		0.03	0.49	0.04
13-Oct-22	425	190	1	29.0	48.5		0.03	0.49	0.04
14-Oct-22	430	165	0	31.0	50.5		0.03	0.49	0.04
Average	425	185	1	30.0	50.0		0.03		0.04
20-Sep-22	435	205	0	30.0	47.0	59.5	0.04	0.52	0.04
20-Sep-22	440	165	1	31.5	47.5	59.0	0.04	0.51	0.04
21-Sep-22	440	165	0	31.5	47.0	61.0	0.04	0.51	0.04
22-Sep-22	440	175	1	31.0	46.5	59.5	0.04	0.51	0.04
Average	440	180	1	31.0	47.0	60.0	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

Hanson Cement has used all reasonable care to ensure the
information herein contained is accurate but to the extent
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any inaccuracy, whether due to negligence or otherwise.