



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

21-Aug-22 (Week No. 2022-33)

31-Jul-22 (Week No. 2022-30) 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)			
15-Aug-22	430	165	0	32.5	48.0		0.04	0.59	0.04
16-Aug-22	435	165	0	32.0	49.5		0.04	0.58	0.04
18-Aug-22	445	170	0	30.0	46.0		0.04	0.58	0.05
19-Aug-22	420	180	1	29.5	50.5		0.04	0.58	0.05
Average	435	170	0	31.0	48.5		0.04		0.04
25-Jul-22	420	180	0	32.0	46.5	56.5	0.04	0.60	0.02
26-Jul-22	435	170	1	35.5	51.0	62.5	0.04	0.59	0.02
28-Jul-22	445	160	1	35.5	51.0	60.5	0.04	0.59	0.02
29-Jul-22	430	185	0	33.0	51.0	60.5	0.04	0.60	0.02
Average	435	175	1	34.0	50.0	60.0	0.04		0.02

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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