



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
Ketton
Stamford
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

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

29-Jan-23 (Week No. 2023-4)
08-Jan-23 (Week No. 2023-1) 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)			
23-Jan-23	450	180	0	29.0	47.5		0.02	0.53	0.03
24-Jan-23	480	185	0	32.0	48.5		0.02	0.53	0.03
26-Jan-23	430	195	2	29.5	44.0		0.02	0.53	0.04
27-Jan-23	445	165	1	33.0	49.5		0.02	0.53	0.03
Average	450	180	1	31.0	47.5		0.02		0.03
03-Jan-23	430	170	0	30.0	47.0	61.0	0.03	0.53	0.03
04-Jan-23	430	170	0	31.0	48.0	60.5	0.03	0.53	0.03
05-Jan-23	430	175	1	29.5	48.0	61.0	0.03	0.53	0.03
06-Jan-23	435	170	0	32.0	49.0	62.0	0.03	0.53	0.04
Average	430	170	0	30.5	48.0	61.0	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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