



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

13-Nov-22 (Week No. 2022-45 )  
23-Oct-22 (Week No. 2022-42 ) for 28 day results

Date	Fineness Specific Surface (m <sup>2</sup> /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na <sub>2</sub> O eq	Standard Deviation
				2 Days (N/mm <sup>2</sup> )	7 Days (N/mm <sup>2</sup> )	28 Days (N/mm <sup>2</sup> )			
07-Nov-22	430	175	2	32.0	53.0		0.03	0.49	0.04
08-Nov-22	440	185	1	31.0	52.0		0.03	0.50	0.04
10-Nov-22	420	195	0	29.0	48.5		0.03	0.49	0.04
11-Nov-22	420	185	0	29.0	46.5		0.03	0.49	0.04
Average	430	185	1	30.5	50.0		0.03		0.04
17-Oct-22	430	145	1	32.0	49.0	61.0	0.03	0.49	0.04
18-Oct-22	420	165	0	31.0	51.0	63.0	0.03	0.49	0.04
20-Oct-22	435	200	0	27.5	46.0	61.0	0.03	0.49	0.04
21-Oct-22	450	205	0	30.0	48.0	61.0	0.03	0.49	0.04
Average	435	180	0	30.0	48.5	61.5	0.03		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, MiMMMM  
National Technical Manager  
Hanson Cement

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