



Castle Cement Ltd T/A  
Hanson Cement, Hanson House, 14 Castle Hill,  
Maidenhead, Berkshire, SL6 4JJ  
Padeswood Works  
1333-CPR-00255



## Cement Test Report

Hanson Cement  
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Results of tests made at the laboratories of the company on samples of  
Padeswood PLC 52,5N, BS EN 197-1:2011 - CEM II/A-LL 52,5N

Dispatched from Padeswood during week ending 05-Feb-23 (Week No. 2023-5 )  
and during week ending 15-Jan-23 (Week No. 2023-2 ) 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> )			
03-Feb-23	615	160	1	33.5	48.0		0.03	0.43	0.05
Average	615	160	1	33.5	48.0		0.03		0.05
12-Jan-23	535	165	0	32.5	52.0	62.0	0.03	0.43	0.05
13-Jan-23	530	170	0	32.5	49.0	60.5	0.03	0.43	0.05
Average	535	170	0	32.5	50.5	61.5	0.03		0.05

**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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