

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  
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 PLC 52,5N, BS EN 197-1:2011 - CEM II/A-LL 52,5N

Dispatched from Padeswood during week ending 26-Mar-23 (Week No. 2023-12 )  
and during week ending 05-Mar-23 (Week No. 2023-9 ) 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> )			
Average									
02-Mar-23	510	180	0	32.0	51.0	59.5	0.02	0.42	0.04
03-Mar-23	515	175	1	31.5	48.0	56.0	0.02	0.43	0.03
Average	515	180	1	32.0	49.5	58.0	0.02		0.03

**Product Declaration:**

Declared Mean Alkali (%) = 0.75 (Max)  
Declared Chloride content (%) = 0.07 (Max)

For and on behalf of  
HANSON CEMENT

*N. Cardinal*  
Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM  
National Technical Manager  
Hanson Cement

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