



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 16-Oct-22 (Week No. 2022-41 )  
 and during week ending 25-Sep-22 (Week No. 2022-38 ) 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> )			
11-Oct-22	525	195	0	31.5	49.5		0.03	0.47	0.06
14-Oct-22	515	175	1	35.5	52.5		0.03	0.46	0.06
Average	520	185	1	33.5	51.0		0.03		0.06
20-Sep-22	530	180	0	38.0	52.5	63.0	0.03	0.49	0.06
22-Sep-22	550	195	0	36.0	51.0	60.5	0.03	0.49	0.06
Average	540	190	0	37.0	52.0	62.0	0.03		0.06

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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