



Hanson UK  
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Maidenhead, Berkshire, SL6 8QZ  
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 20-Aug-23 (Week No. 2023-33 )  
and during week ending 30-Jul-23 (Week No. 2023-30 ) 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> )			
18-Aug-23	665	130	0	28.5	42.5		0.03	0.48	0.06
Average	665	130	0	28.5	42.5		0.03		0.06
27-Jul-23	565	180	0	32.5	49.0	58.0	0.03	0.48	0.06
28-Jul-23	560	185	0	30.5	48.5	57.5	0.03	0.48	0.06
Average	565	185	0	31.5	49.0	58.0	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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