



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 21-Aug-22 (Week No. 2022-33)
and during week ending 31-Jul-22 (Week No. 2022-30) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
16-Aug-22	510	175	0	34.5	49.5		0.04	0.52	0.03
19-Aug-22	505	170	0	35.5	53.0		0.04	0.52	0.05
Average	510	175	0	35.0	51.5		0.04		0.04
26-Jul-22	510	155	2	38.0	52.0	60.0	0.03	0.52	0.03
26-Jul-22	515	165	0	39.0	51.5	62.0	0.03	0.52	0.03
28-Jul-22	555	180	2	40.0	53.5	62.0	0.03	0.52	0.03
29-Jul-22	535	175	1	39.5	52.0	62.5	0.03	0.52	0.03
Average	530	170	1	39.0	52.5	61.5	0.03		0.03

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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