



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



Cement Test Report

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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 03-Jul-22 (Week No. 2022-26)
and during week ending 12-Jun-22 (Week No. 2022-23) 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)			
27-Jun-22	530	180	1	34.0	47.5		0.04	0.52	0.05
28-Jun-22	535	185	1	33.0	48.5		0.04	0.52	0.05
30-Jun-22	500	175	0	35.0	50.5		0.04	0.52	0.05
01-Jul-22	520	180	1	34.5	47.0		0.04	0.51	0.05
Average	520	180	1	34.0	48.5		0.04		0.05
06-Jun-22	515	165	1	39.0	51.5	60.5	0.05	0.58	0.07
07-Jun-22	500	165	1	38.5	53.0	59.0	0.05	0.58	0.07
09-Jun-22	485	160	0	37.0	52.0	59.5	0.05	0.57	0.08
10-Jun-22	505	190	1	38.5	53.0	60.0	0.05	0.57	0.07
Average	500	170	1	38.5	52.5	60.0	0.05		0.07

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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