



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 10-Jul-22 (Week No. 2022-27)
and during week ending 19-Jun-22 (Week No. 2022-24) 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)			
04-Jul-22	455	180	0	38.0	54.5		0.04	0.51	0.05
05-Jul-22	450	170	0	35.5	51.5		0.04	0.51	0.05
07-Jul-22	485	160	1	36.5	50.0		0.04	0.51	0.04
08-Jul-22	475	160	1	36.5	49.0		0.03	0.50	0.04
Average	465	170	1	36.5	51.5		0.04		0.04
13-Jun-22	480	190	0	43.0	53.0	59.0	0.05	0.56	0.07
14-Jun-22	505	160	1	37.0	48.5	58.5	0.04	0.56	0.07
16-Jun-22	510	145	2	36.0	48.5	56.5	0.04	0.55	0.07
17-Jun-22	490	190	0	38.0	51.0	60.0	0.04	0.55	0.06
Average	495	170	1	38.5	50.5	58.5	0.04		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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