



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 07-Aug-22 (Week No. 2022-31)
 and during week ending 17-Jul-22 (Week No. 2022-28) 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)			
01-Aug-22	550	180	0	37.5	54.5		0.03	0.52	0.03
02-Aug-22	530	170	0	40.0	54.5		0.03	0.52	0.04
04-Aug-22	505	170	1	37.0	51.0		0.03	0.52	0.03
05-Aug-22	505	170	1	36.5	50.0		0.03	0.53	0.03
Average	525	175	1	38.0	52.5		0.03		0.03
11-Jul-22	485	165	1	36.5	49.5	59.0	0.03	0.51	0.04
12-Jul-22	520	170	1	38.5	49.5	58.5	0.03	0.51	0.03
14-Jul-22	510	155	0	36.0	47.5	59.0	0.03	0.51	0.04
15-Jul-22	505	155	1	37.5	48.5	58.5	0.03	0.51	0.04
Average	505	160	1	37.0	49.0	59.0	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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