



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 09-Oct-22 (Week No. 2022-40)
and during week ending 18-Sep-22 (Week No. 2022-37) 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-Oct-22	605	165	0	39.5	52.0		0.03	0.48	0.05
07-Oct-22	585	185	0	36.5	51.0		0.03	0.48	0.05
Average	595	175	0	38.0	51.5		0.03		0.05
13-Sep-22	535	195	0	34.5	50.5	61.0	0.03	0.50	0.06
16-Sep-22	520	185	0	35.5	50.5	61.0	0.03	0.49	0.06
Average	530	190	0	35.0	50.5	61.0	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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