



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
 Ketton
 Stamford
 PE9 3SX
 Tel: 0330 123 2074
 Fax: 01780 727008

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 13-Nov-22 (Week No. 2022-45)
 and during week ending 23-Oct-22 (Week No. 2022-42) 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)			
11-Nov-22	545	210	0	32.0	47.5		0.03	0.44	0.05
Average	545	210	0	32.0	47.5		0.03		0.05
18-Oct-22	550	200	0	34.5	52.0	61.5	0.03	0.46	0.06
21-Oct-22	565	190	0	35.0	50.0	57.5	0.03	0.46	0.06
Average	560	195	0	35.0	51.0	59.5	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

Hanson Cement has used all reasonable care to ensure the information herein contained is accurate but to the extent permitted in law, no liability can be accepted by Hanson Cement for any loss, damage, cost or expense arising from any inaccuracy, whether due to negligence or otherwise.