



Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Padeswood Works
1333-CPR-00121



Cement Test Report

Hanson Cement
Ketton
Stamford
PE9 3SX
Tel: 01330 123 2074
Fax: 01780 727008

Results of tests made at the laboratories of the company on samples of
Padeswood PC, BS EN 197-1:2011 - CEM I 52,5N

Dispatched from Padeswood during week ending 30-Jan-22 (Week No. 2022-4)
and during week ending 09-Jan-22 (Week No. 2022-1) 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)			
24-Jan-22	435	165	0	33.0	48.0		0.05	0.64	0.04
25-Jan-22	480	165	2	34.0	49.5		0.05	0.63	0.04
27-Jan-22	405	150	1	30.5	46.0		0.05	0.64	0.04
28-Jan-22	430	155	0	32.0	47.5		0.05	0.64	0.04
Average	440	160	1	32.5	48.0		0.05		0.04
04-Jan-22	455	180	1	33.0	46.5	58.5	0.05	0.63	0.04
05-Jan-22	405	180	1	32.5	49.0	62.0	0.05	0.63	0.04
06-Jan-22	515	180	0	35.5	51.0	60.0	0.05	0.63	0.04
07-Jan-22	495	170	1	33.5	50.5	61.5	0.05	0.63	0.04
Average	470	180	1	33.5	49.5	60.5	0.05		0.04

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.