



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
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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 26-Feb-23 (Week No. 2023-8)
and during week ending 05-Feb-23 (Week No. 2023-5) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m²/kg)	Initial (mins)	Expansion (mm)	40mm x 40mm x 160mm Mortar prisms			%	Certified Average Alkali % Na₂O eq	Standard Deviation
				2 Days (N/mm²)	7 Days (N/mm²)	28 Days (N/mm²)			
20-Feb-23	430	200	0	29.0	49.0		0.03	0.53	0.03
21-Feb-23	460	170	1	30.0	49.0		0.03	0.54	0.03
23-Feb-23	445	195	1	28.0	46.5		0.03	0.54	0.03
24-Feb-23	450	185	0	28.5	47.5		0.03	0.54	0.03
Average	445	190	1	29.0	48.0		0.03		0.03
30-Jan-23	470	175	0	31.0	50.5	64.0	0.02	0.53	0.03
31-Jan-23	465	175	1	30.0	48.5	60.0	0.02	0.53	0.03
02-Feb-23	450	170	1	30.0	48.0	61.0	0.03	0.53	0.03
03-Feb-23	445	190	1	28.5	47.0	58.5	0.03	0.53	0.03
Average	460	180	1	30.0	48.5	61.0	0.02		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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