



Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Padeswood Works
2017
1333-CPD-00121
BS EN 197-1:2011
CEM I 52,5N



Cement Test Report

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

Manufactured at Padeswood during week ending 23 Apr 2017 (Week No. 16)
and during week ending 02 Apr 2017 (Week No. 13) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m ² /kg)	Initial (mins)	Expansion (mm)	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)			
18-Apr-17	445	115	1	31.0	48.0			0.64	
18-Apr-17	485	110	0	35.0	53.0			0.64	
20-Apr-17	430	110	0	31.0	46.0			0.64	
21-Apr-17	435	105	1	26.0	36.5			0.64	
Average	450	110	1	31.0	46.0		0.07		0.02
27-Mar-17	455	90	0	34.5	49.5	59.0		0.65	
28-Mar-17	425	110	1	32.0	47.5	60.0		0.65	
29-Mar-17	455	105	0	34.0	50.0	59.0		0.65	
31-Mar-17	445	115	1	33.5	50.0	60.0		0.65	
Average	445	105	1	33.5	49.5	59.5	0.06		0.03

Product Declaration:

Certified Average Alkali content (%) = 0.75

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
HANSON CEMENT

National Technical Manager
Hanson Cement