



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 24 Sep 2017 (Week No. 38)
and during week ending 03 Sep 2017 (Week No. 35) 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)			
18-Sep-17	510	100	2	35.5	48.0			0.60	
19-Sep-17	525	110	1	32.0	45.0			0.60	
20-Sep-17	480	130	1	33.5	49.0			0.60	
22-Sep-17	505	120	1	33.0	48.5			0.60	
Average	505	115	1	33.5	47.5		0.05		0.06
29-Aug-17	520	110	1	33.0	47.0	54.0		0.64	
30-Aug-17	475	105	1	33.5	47.5	57.5		0.64	
30-Aug-17	485	110	1	33.0	46.0	57.5		0.64	
01-Sep-17	470	155	1	29.5	40.0	53.0		0.63	
Average	490	120	1	32.5	45.0	55.5	0.06		0.04

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
HANSON CEMENT

National Technical Manager
Hanson Cement