



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  
 and during week ending

15-May-22 (Week No. 2022-19 )  
 24-Apr-22 (Week No. 2022-16 ) for 28 day results

Date	Fineness Specific Surface (m <sup>2</sup> /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na <sub>2</sub> O eq	Standard Deviation
				2 Days (N/mm <sup>2</sup> )	7 Days (N/mm <sup>2</sup> )	28 Days (N/mm <sup>2</sup> )			
09-May-22	435	170	0	33.5	49.0		0.05	0.65	0.03
10-May-22	425	170	0	33.5	50.5		0.05	0.65	0.03
12-May-22	445	160	1	32.0	47.5		0.05	0.65	0.03
13-May-22	420	170	1	32.5	49.0		0.05	0.64	0.03
Average	430	170	1	33.0	49.0		0.05		0.03
19-Apr-22	420	170	1	33.5	49.5	60.5	0.06	0.68	0.03
20-Apr-22	405	170	2	32.5	49.5	61.0	0.05	0.68	0.03
21-Apr-22	430	160	0	32.0	51.5	62.5	0.05	0.68	0.03
22-Apr-22	400	170	1	30.0	48.0	60.5	0.05	0.68	0.03
Average	415	170	1	32.0	49.5	61.0	0.05		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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