



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

29-May-22 (Week No. 2022-21 )

08-May-22 (Week No. 2022-18 ) 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> )			
23-May-22	420	160	1	30.5	46.0		0.05	0.63	0.03
24-May-22	415	170	1	34.0	50.0		0.05	0.63	0.03
26-May-22	435	150	1	35.0	51.0		0.05	0.62	0.04
27-May-22	440	170	0	31.0	46.0		0.05	0.62	0.04
Average	430	165	1	32.5	48.5		0.05		0.03
03-May-22	435	165	1	38.0	50.5	62.5	0.05	0.66	0.04
03-May-22	435	165	1	36.5	51.5	60.5	0.05	0.66	0.04
06-May-22	415	170	0	33.0	48.5	60.5	0.05	0.65	0.03
Average	430	165	1	36.0	50.0	61.0	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  
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any inaccuracy, whether due to negligence or otherwise.