



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

17-Jul-22 (Week No. 2022-28 )

and during week ending

26-Jun-22 (Week No. 2022-25 ) 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> )			
11-Jul-22	435	165	1	34.5	50.5		0.04	0.59	0.03
12-Jul-22	440	170	0	32.5	48.5		0.04	0.59	0.02
14-Jul-22	415	160	0	30.5	46.0		0.04	0.59	0.02
15-Jul-22	425	160	1	32.5	47.0		0.04	0.59	0.02
Average	430	165	1	32.5	48.0		0.04		0.02
20-Jun-22	430	165	1	33.5	48.0	61.0	0.05	0.60	0.04
21-Jun-22	430	175	1	34.0	50.0	60.0	0.05	0.59	0.04
23-Jun-22	470	165	1	33.0	49.0	61.0	0.05	0.59	0.04
24-Jun-22	400	190	1	29.0	45.5	57.0	0.05	0.60	0.04
Average	435	175	1	32.5	48.0	60.0	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

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