



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

04-Dec-22 (Week No. 2022-48 )

13-Nov-22 (Week No. 2022-45 ) 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> )			
28-Nov-22	420	165	1	30.5	49.0		0.03	0.51	0.02
29-Nov-22	420	170	1	29.5	47.5		0.03	0.51	0.02
01-Dec-22	415	180	0	28.5	47.5		0.03	0.51	0.02
02-Dec-22	430	180	0	30.5	47.5		0.03	0.51	0.02
Average	420	175	1	30.0	48.0		0.03		0.02
07-Nov-22	430	175	2	32.0	53.0	63.0	0.03	0.49	0.04
08-Nov-22	440	185	1	31.0	52.0	64.0	0.03	0.50	0.04
10-Nov-22	420	195	0	29.0	48.5	59.0	0.03	0.49	0.04
11-Nov-22	420	185	0	29.0	46.5	59.0	0.03	0.49	0.04
Average	430	185	1	30.5	50.0	61.5	0.03		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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Cement for any loss, damage, cost or expense arising from  
any inaccuracy, whether due to negligence or otherwise.