



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

03-Jul-22 (Week No. 2022-26)

and during week ending

12-Jun-22 (Week No. 2022-23) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
27-Jun-22	420	175	0	29.5	46.0		0.05	0.59	0.04
28-Jun-22	425	170	1	28.5	45.5		0.05	0.59	0.04
30-Jun-22	435	165	1	31.0	47.0		0.05	0.59	0.04
01-Jul-22	420	175	0	34.5	49.5		0.05	0.59	0.03
Average	425	170	1	31.0	47.0		0.05		0.04
06-Jun-22	410	165	0	32.5	47.0	58.0	0.05	0.61	0.04
07-Jun-22	420	160	1	33.0	49.0	62.0	0.05	0.61	0.04
09-Jun-22	400	180	1	32.5	50.5	64.0	0.05	0.61	0.04
10-Jun-22	415	170	1	34.0	50.5	61.0	0.05	0.61	0.04
Average	410	170	1	33.0	49.5	61.5	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 permitted in law, no liability can be accepted by Hanson Cement for any loss, damage, cost or expense arising from any inaccuracy, whether due to negligence or otherwise.