



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

14-Nov-21 (Week No. 2021-45)

24-Oct-21 (Week No. 2021-42) 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)			
08-Nov-21	450	160	1	33.5	49.0		0.07	0.61	0.03
09-Nov-21	440	160	1	33.5	51.0		0.07	0.61	0.03
11-Nov-21	420	185	1	29.0	45.0		0.07	0.61	0.03
12-Nov-21	425	165	2	32.0	47.0		0.07	0.61	0.03
Average	435	170	1	32.0	48.0		0.07		0.03
18-Oct-21	445	140	1	34.0	50.5	63.0	0.07	0.61	0.03
19-Oct-21	455	155	0	33.5	51.5	61.0	0.07	0.61	0.02
20-Oct-21	420	150	1	32.0	49.0	63.0	0.07	0.61	0.02
22-Oct-21	440	190	1	32.0	48.5	61.0	0.07	0.62	0.02
Average	440	160	1	33.0	50.0	62.0	0.07		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

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.