



Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Ketton Works
1333-CPR-00122



Cement Test Report

Hanson Cement
Ketton
Stamford
PE9 3SX
Tel: 01330 123 2074
Fax: 01780 727008

Results of tests made at the laboratories of the company on samples of
Ketton PC, BS EN 197-1:2011 - CEM I 52,5N
Dispatched from Ketton during week ending
and during week ending

17-Jul-22 (Week No. 2022-28)
26-Jun-22 (Week No. 2022-25) 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)			
11-Jul-22	415	170	1	28.0	47.0		0.05	0.59	0.02
12-Jul-22	425	185	1	29.5	48.0		0.05	0.59	0.02
13-Jul-22	390	175	0	29.5	47.0		0.05	0.59	0.02
15-Jul-22	415	180	1	29.0	46.0		0.05	0.58	0.02
Average	410	180	1	29.0	47.0		0.05		0.02
20-Jun-22	415	155	1	30.5	47.5	60.5	0.05	0.61	0.03
21-Jun-22	420	165	0	29.0	47.0	62.0	0.05	0.61	0.03
22-Jun-22	425	170	1	29.5	47.0	62.0	0.05	0.60	0.03
24-Jun-22	415	170	0	28.0	47.0	63.5	0.05	0.60	0.03
Average	420	165	1	29.5	47.0	62.0	0.05		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

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