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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
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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

16-Oct-22 (Week No. 2022-41)
25-Sep-22 (Week No. 2022-38) 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)			
10-Oct-22	420	200	0	31.0	47.0		0.05	0.66	0.02
11-Oct-22	420	200	0	31.5	48.5		0.05	0.67	0.02
12-Oct-22	435	175	0	31.5	48.0		0.05	0.67	0.02
14-Oct-22	420	175	0	30.5	47.5		0.05	0.67	0.02
Average	425	190	0	31.0	48.0		0.05		0.02
20-Sep-22	415	185	1	29.5	46.5	58.5	0.05	0.65	0.02
21-Sep-22	425	200	1	28.5	45.0	60.5	0.05	0.65	0.02
22-Sep-22	420	175	1	29.5	46.0	61.0	0.05	0.65	0.02
23-Sep-22	420	185	0	28.5	45.0	59.0	0.05	0.65	0.02
Average	420	185	1	29.0	45.5	60.0	0.05		0.02

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.