



Hanson UK  
 Second Floor, Arena Court, Crown Lane  
 Maidenhead, Berkshire, SL6 8QZ  
 Ketton Works  
 1333-CPR-00122



## Cement Test Report

Hanson Cement  
 Ketton  
 Stamford  
 PE9 3SX  
 Tel: 0330 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

23-Jul-23 (Week No. 2023-29 )  
 02-Jul-23 (Week No. 2023-26 ) 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> )			
17-Jul-23	425	160	0	28.5	49.0		0.05	0.69	0.02
18-Jul-23	435	160	0	30.5	46.5		0.05	0.69	0.02
19-Jul-23	430	170	1	30.0	47.0		0.05	0.68	0.02
21-Jul-23	445	130	1	32.0	48.0		0.05	0.68	0.02
Average	435	155	1	30.5	47.5		0.05		0.02
26-Jun-23	450	155	1	31.0	46.0	60.0	0.05	0.69	0.02
27-Jun-23	430	155	0	28.5	46.0	57.5	0.05	0.69	0.02
28-Jun-23	430	160	1	29.5	45.5	57.5	0.05	0.69	0.02
30-Jun-23	455	155	0	29.0	45.5	57.5	0.05	0.69	0.02
Average	440	155	1	29.5	46.0	58.0	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

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