



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



## Cement Test Report

Heidelberg Materials UK  
 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

08-Dec-24 (Week No. 2024-49 )

17-Nov-24 (Week No. 2024-46 ) 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> )			
02-Dec-24	445	175	1	29.5	48.5		0.04	0.70	0.03
03-Dec-24	425	170		31.0	49.0		0.04	0.70	0.03
04-Dec-24	415	150		29.5	49.0		0.04	0.70	0.03
06-Dec-24	440	155		28.5	47.5		0.04	0.71	0.03
Average	430	165		29.5	48.5		0.04		0.03
11-Nov-24	425	170	0	35.5	55.5	67.0	0.04	0.66	0.03
12-Nov-24	385	165		32.5	50.5	65.0	0.04	0.66	0.04
13-Nov-24	410	155		34.0	52.5	65.5	0.04	0.66	0.04
15-Nov-24	425	185		30.5	49.0	62.5	0.04	0.66	0.04
Average	410	170		33.0	52.0	65.0	0.04		0.04

**Product Declaration:**

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of  
 HEIDELBERG MATERIALS UK

Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
 National Technical Manager  
 Heidelberg Materials UK

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