



Heidelberg Materials UK
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 Ketton Works
 1333-CPR-00122



Cement Test Report

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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

24-Nov-24 (Week No. 2024-47)

03-Nov-24 (Week No. 2024-44) 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)			
18-Nov-24	415	155	1	33.0	50.5		0.04	0.67	0.04
19-Nov-24	410	170		31.0	48.5		0.04	0.67	0.04
20-Nov-24	425	165		31.5	49.5		0.04	0.68	0.04
22-Nov-24	425	190		30.5	50.0		0.04	0.68	0.04
Average	420	170		31.5	49.5		0.04		0.04
28-Oct-24	415	175	0	27.5	48.5	62.0	0.05	0.65	0.03
29-Oct-24	435	175		33.5	54.5	68.0	0.04	0.65	0.03
30-Oct-24	395	165		34.5	52.5	65.5	0.04	0.65	0.03
01-Nov-24	435	170		34.5	53.0	65.0	0.04	0.65	0.03
Average	420	170		32.5	52.0	65.0	0.04		0.03

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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