



Heidelberg Materials UK
 Second Floor, Arena Court, Crown Lane
 Maidenhead, Berkshire, SL6 8QZ
 Padeswood Works
 1333-CPR-00121



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

Padeswood PC, BS EN 197-1:2011 - CEM I 52,5N

Dispatched from Padeswood during week ending
 and during week ending

31-Mar-24 (Week No. 2024-13)

10-Mar-24 (Week No. 2024-10) 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)			
25-Mar-24	415	170	1	28.0	47.5		0.04	0.55	0.03
26-Mar-24	405	160		26.5	46.5		0.03	0.56	0.03
26-Mar-24	425	160		29.5	47.0		0.03	0.55	0.03
28-Mar-24	465	160		27.0	43.5		0.03	0.55	0.03
Average	430	165	1	28.0	46.0		0.03		0.03
04-Mar-24	405	170	1	27.5	47.5	61.5	0.04	0.57	0.02
05-Mar-24	410	185		27.5	45.0	60.0	0.04	0.56	0.03
07-Mar-24	405	170		28.0	47.5	61.5	0.04	0.56	0.03
08-Mar-24	430	165		30.0	47.5	57.5	0.04	0.57	0.03
Average	415	175		28.5	47.0	60.0	0.04		0.02

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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