



Heidelberg Materials UK
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 Maidenhead, Berkshire, SL6 8QZ
 Padeswood Works
 1333-CPR-00121



Cement Test Report

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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

10-Mar-24 (Week No. 2024-10)
 18-Feb-24 (Week No. 2024-7) 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)			
04-Mar-24	405	170	1	27.5	47.5		0.04	0.61	0.08
05-Mar-24	410	185		27.5	45.0		0.04	0.61	0.08
07-Mar-24	405	170		28.0	47.5		0.04	0.60	0.08
08-Mar-24	430	165		30.0	47.5		0.04	0.60	0.07
Average	415	175		28.5	47.0		0.04		0.08
12-Feb-24	435	165	0	29.0	47.0	57.0	0.04	0.66	0.04
13-Feb-24	435	165		28.5	45.5	59.0	0.04	0.66	0.04
15-Feb-24	460	160		29.0	50.0	58.5	0.04	0.66	0.05
16-Feb-24	425	150		31.0	49.0	61.5	0.04	0.65	0.06
Average	440	160		29.5	48.0	59.0	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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