



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

28-Jul-24 (Week No. 2024-30)

07-Jul-24 (Week No. 2024-27) 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)			
22-Jul-24	420	175	1	27.0	43.0		0.04	0.54	0.04
23-Jul-24	430	170		25.5	45.0		0.03	0.54	0.03
24-Jul-24	425	170		26.5	44.0		0.03	0.54	0.03
26-Jul-24	425	185		27.5	46.5		0.03	0.53	0.03
Average	425	175		26.5	44.5		0.03		0.03
01-Jul-24	445	145	1	31.5	48.5	58.5	0.05	0.56	0.03
02-Jul-24	415	175		27.0	48.5	61.0	0.05	0.56	0.03
04-Jul-24	415	180		31.0	49.5	63.5	0.05	0.55	0.03
05-Jul-24	415	170		26.0	46.0	57.0	0.05	0.55	0.03
Average	425	170	1	29.0	48.0	60.0	0.05		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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