Heidelberg Materials UK
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Padeswood Works
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UK CA
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Heidelberg Materials

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 04-Oct-26 (Week No. 2026-39)
and during week ending 13-Sep-26 (Week No. 2026-36) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m^2/kg)	Initial (mins)	Expansion (mm)	40mm x 40mm x 160mm Mortar prisms			mean of 25 %	Certified Average of 25 Alkali % Na_2O eq	Standard Deviation
				2 Days (N/mm^2)	7 Days (N/mm^2)	28 Days (N/mm^2)			
28-Sep-26	440	175	2	29.5	45.5		0.05	0.56	0.03
29-Sep-26	435	150		30.5	48.0		0.05	0.56	0.03
01-Oct-26	440	180		31.0	47.0		0.05	0.56	0.03
02-Oct-26	435	175		31.5	49.5		0.05	0.56	0.03
Average	440	170		30.5	47.5				
07-Sep-26	420	170	0	32.0	50.0	62.0	0.03	0.56	0.03
08-Sep-26	430	145		30.5	49.0	61.5	0.03	0.56	0.03
10-Sep-26	440	155		31.0	51.0	63.5	0.03	0.56	0.03
11-Sep-26	435	170		30.5	50.0	63.0	0.04	0.56	0.03
Average	430	160		31.0	50.0	62.5			

Product Declaration:
Declared Mean Alkali (%) = 0.75 (Max)
Declared Mean Chloride content (%) = 0.07 (Max)

For and on behalf of
HEIDELBERG MATERIALS UK

N. Cardinal

Dr Nina Cardinal, Dipl.Ing., CEng, MICT
Technical Strategy Director
Heidelberg Materials UK

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