



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

23-Mar-25 (Week No. 2025-11)
02-Mar-25 (Week No. 2025-8) 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			%	Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
17-Mar-25	435	160	2	29.5	48.5		0.04	0.53	0.04
18-Mar-25	445	140		32.0	52.0		0.04	0.53	0.04
20-Mar-25	435	165		28.0	48.5		0.04	0.53	0.04
21-Mar-25	415	175		29.0	50.0		0.04	0.52	0.04
Average	435	160	1	29.5	50.0		0.04		0.04
24-Feb-25	445	160	1	30.5	51.0	62.5	0.05	0.54	0.03
25-Feb-25	435	160		25.5	49.5	62.0	0.05	0.54	0.03
27-Feb-25	430	175		31.5	54.5	63.0	0.05	0.54	0.03
28-Feb-25	425	130		33.5	49.5	59.5	0.05	0.54	0.04
Average	435	155		30.5	51.0	62.0	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
Technical Strategy Director
Heidelberg Materials UK

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