



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

07-Dec-25 (Week No. 2025-48)
16-Nov-25 (Week No. 2025-45) 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)			
01-Dec-25	400	190	1	28.5	46.0		0.05	0.54	0.02
02-Dec-25	395	170		30.0	48.0		0.06	0.54	0.02
04-Dec-25	400	170		29.0	44.5		0.06	0.54	0.02
05-Dec-25	395	170		29.0	45.5		0.06	0.54	0.02
Average	400	175		29.0	46.0		0.06		0.02
10-Nov-25	405	160	1	30.0	49.5	61.5	0.04	0.51	0.03
11-Nov-25	405	155		31.5	47.5	61.0	0.05	0.51	0.03
13-Nov-25	385	155		30.0	47.0	56.5	0.05	0.51	0.03
14-Nov-25	450	155		30.5	48.0	61.5	0.05	0.52	0.03
Average	410	155		30.5	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

Technical Strategy Director

Heidelberg Materials UK

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