



Heidelberg Materials UK
Second Floor, Arena Court, Crown Lane
Maidenhead, Berkshire, SL6 8QZ
Padeswood Works
1333-CPR-00121



Cement Test Report

Heidelberg Materials UK
Ketton
Stamford
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

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

30-Nov-25 (Week No. 2025-47)
09-Nov-25 (Week No. 2025-44) 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)			
24-Nov-25	420	165	1	29.5	47.5		0.05	0.53	0.03
25-Nov-25	410	165		30.0	47.5		0.05	0.53	0.03
26-Nov-25	400	155		31.0	49.0		0.05	0.53	0.03
28-Nov-25	390	180		30.5	46.5		0.05	0.54	0.02
Average	405	165	1	30.5	47.5		0.05		0.03
03-Nov-25	405	155	1	30.5	48.0	61.0	0.04	0.50	0.03
04-Nov-25	400	170		29.0	47.5	60.0	0.04	0.50	0.03
06-Nov-25	395	170		28.0	45.5	57.5	0.04	0.51	0.03
07-Nov-25	380	175		29.5	47.0	58.5	0.04	0.51	0.03
Average	395	170	1	29.5	47.0	59.5	0.04		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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