



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

07-Sep-25 (Week No. 2025-35)
17-Aug-25 (Week No. 2025-32) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m²/kg)	Initial (mins)	Expansion (mm)	40mm x 40mm x 160mm Mortar prisms			%	Certified Average Alkali % Na₂O eq	Standard Deviation
				2 Days (N/mm²)	7 Days (N/mm²)	28 Days (N/mm²)			
01-Sep-25	400	170	0	26.0	45.0		0.04	0.51	0.06
02-Sep-25	405	160		31.0	50.0		0.04	0.51	0.06
04-Sep-25	415			30.5	49.5		0.04	0.51	0.05
05-Sep-25	395			31.5	54.5		0.04	0.51	0.05
Average	405			30.0	50.0		0.04		0.06
11-Aug-25	385	160	0	26.5	46.0	59.5	0.04	0.52	0.05
12-Aug-25	390	150		29.0	49.0	60.0	0.04	0.52	0.05
14-Aug-25	380			30.0	47.0	60.5	0.04	0.52	0.05
15-Aug-25	370			27.0	48.5	61.5	0.04	0.52	0.05
Average	380			28.0	47.5	60.5	0.04		0.05

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

Heidelberg Materials UK has used all reasonable care to ensure the information herein contained is accurate but to the extent permitted in law, no liability can be accepted by Heidelberg Materials UK for any loss, damage, cost or expense arising from any inaccuracy, whether due to negligence or otherwise.