

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

02-Nov-25 (Week No. 2025-43)
12-Oct-25 (Week No. 2025-40) 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)			
27-Oct-25	385	175	1	27.0	45.0		0.04	0.49	0.02
28-Oct-25	395			30.0	47.0		0.04	0.49	0.03
30-Oct-25	405	165		29.0	46.5		0.04	0.50	0.03
31-Oct-25	400	165	1	30.5	52.0		0.04	0.50	0.03
Average	395		1	29.0	47.5		0.04		0.03
06-Oct-25	410	150	1	32.5	52.5	62.0	0.04	0.48	0.02
07-Oct-25	415			29.5	51.5	61.5	0.04	0.48	0.02
09-Oct-25	410	160		30.5	48.0	60.0	0.04	0.49	0.02
10-Oct-25	420			30.5	50.0	61.0	0.04	0.49	0.02
Average	415			31.0	50.5	61.0	0.04		0.02

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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