

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

26-Oct-25 (Week No. 2025-42)
05-Oct-25 (Week No. 2025-39) 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)			
20-Oct-25	410	170	1	31.0	50.5		0.04	0.49	0.02
21-Oct-25	410			31.0	50.5		0.04	0.49	0.02
23-Oct-25	400	165		31.5	49.5		0.04	0.49	0.02
24-Oct-25	400			29.5	47.5		0.04	0.49	0.02
Average	405		1	31.0	49.5		0.04		0.02
29-Sep-25	425	140		31.5	50.5	61.0	0.04	0.48	0.02
30-Sep-25	405			31.0	49.0	60.0	0.04	0.48	0.02
02-Oct-25	400	130		31.5	52.5	63.5	0.04	0.48	0.02
03-Oct-25	405			30.0	49.5	60.0	0.04	0.48	0.02
Average	410			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
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