

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

14-Dec-25 (Week No. 2025-49)
23-Nov-25 (Week No. 2025-46) 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)			
08-Dec-25	400	170	0	28.5	46.5		0.06	0.55	0.02
09-Dec-25	420	155		30.5	48.5		0.06	0.55	0.02
11-Dec-25	410	155		29.5	47.5		0.06	0.54	0.02
12-Dec-25	420	155		30.5	46.5		0.06	0.55	0.02
Average	415	160		30.0	47.5		0.06		0.02
17-Nov-25	395	165	2	28.0	46.0	60.0	0.05	0.52	0.03
18-Nov-25	400	160		29.0	47.5	61.0	0.05	0.52	0.03
20-Nov-25	410	150		30.5	49.0	63.0	0.05	0.52	0.03
21-Nov-25	405	140		29.5	47.5	58.5	0.05	0.53	0.03
Average	405	155	1	29.5	47.5	60.5	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
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