



Heidelberg Materials UK
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 Padeswood Works
 1333-CPR-00121



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

28-Dec-25 (Week No. 2025-51)
 07-Dec-25 (Week No. 2025-48) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				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)			
Average									
01-Dec-25	400	190	1	28.5	46.0	60.0	0.05	0.54	0.02
02-Dec-25	395	170		30.0	48.0	59.0	0.06	0.54	0.02
04-Dec-25	400	170		29.0	44.5	60.5	0.06	0.54	0.02
05-Dec-25	395	170		29.0	45.5	59.5	0.06	0.54	0.02
Average	400	175		29.0	46.0	60.0	0.06		0.02

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)
 Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
 HEIDELBERG MATERIALS UK

N. Cardinal
 Dr Nina Cardinal, Dipl.Ing., CEng, MICT
 Technical Strategy Director
 Heidelberg Materials UK

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