



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

04-Aug-24 (Week No. 2024-31)

14-Jul-24 (Week No. 2024-28) 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)			
29-Jul-24	425	180	2	30.0	46.0		0.03	0.53	0.03
30-Jul-24	445	190		27.0	46.5		0.03	0.53	0.03
01-Aug-24	445	170		29.5	48.0		0.03	0.52	0.03
02-Aug-24	435	170		29.5	45.5		0.03	0.52	0.02
Average	440	180	1	29.0	46.5		0.03		0.03
08-Jul-24	455	165	1	27.0	46.0	58.0	0.05	0.55	0.03
09-Jul-24	420	180		27.5	47.5	58.5	0.04	0.55	0.03
11-Jul-24	450	185		29.0	49.0	59.5	0.04	0.55	0.03
12-Jul-24	405	195		25.0	43.5	55.5	0.04	0.54	0.04
Average	435	180		27.0	46.5	58.0	0.04		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
 National Technical Manager
 Heidelberg Materials UK

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