



Heidelberg Materials UK
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 Padeswood Works
 1333-CPR-00255



Cement Test Report

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Results of tests made at the laboratories of the company on samples of Padeswood PLC 52,5N, BS EN 197-1:2011 - CEM II/A-LL 52,5N

Dispatched from Padeswood during week ending 03-Mar-24 (Week No. 2024-9)
 and during week ending 11-Feb-24 (Week No. 2024-6) 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)			
27-Feb-24	550	190	0	32.5	48.0		0.03	0.58	0.04
01-Mar-24	535	190		31.5	49.5		0.04	0.58	0.04
Average	545	190		32.0	49.0		0.04		0.04
06-Feb-24	580	175	0	30.5	44.5	53.0	0.03	0.57	0.03
09-Feb-24	605	175		30.0	45.5	54.0	0.03	0.57	0.03
Average	595	175		30.5	45.0	53.5	0.03		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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