



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 28-Jan-24 (Week No. 2024-4)
 and during week ending 07-Jan-24 (Week No. 2024-1) 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)			
23-Jan-24	480	190	0	31.5	49.5		0.03	0.56	0.03
Average	480	190	0	31.5	49.5		0.03		0.03
03-Jan-24	455	190	1	28.0	46.5	58.5	0.03	0.54	0.04
05-Jan-24	465	170	0	32.5	49.0	61.0	0.03	0.54	0.04
Average	460	180	1	30.5	48.0	60.0	0.03		0.04

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
 National Technical Manager
 Heidelberg Materials UK

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