



Heidelberg Materials UK  
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 Maidenhead, Berkshire, SL6 8QZ  
 Padeswood Works  
 1333-CPR-00255



## Cement Test Report

Heidelberg Materials UK  
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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 24-Nov-24 (Week No. 2024-47 )  
 and during week ending 03-Nov-24 (Week No. 2024-44 ) for 28 day results

Date	Fineness Specific Surface (m <sup>2</sup> /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na <sub>2</sub> O eq	Standard Deviation
				2 Days (N/mm <sup>2</sup> )	7 Days (N/mm <sup>2</sup> )	28 Days (N/mm <sup>2</sup> )			
19-Nov-24	470	160	0	31.0	50.0		0.04	0.52	0.08
22-Nov-24	470	165		29.0	48.0		0.04	0.51	0.08
Average	470	165		30.0	49.0		0.04		0.08
Average									

**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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