



Heidelberg Materials UK  
 Second Floor, Arena Court, Crown Lane  
 Maidenhead, Berkshire, SL6 8QZ  
 Padeswood Works  
 1333-CPR-00255



## Cement Test Report

Heidelberg Materials UK  
 Ketton  
 Stamford  
 PE9 3SX  
 Tel: 0330 123 2074  
 Fax: 01780 727008

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 17-Dec-23 (Week No. 2023-50 )  
 and during week ending 26-Nov-23 (Week No. 2023-47 ) 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> )			
12-Dec-23	475	190	1	31.5	47.5		0.03	0.54	0.04
15-Dec-23	460	190	0	31.0	47.0		0.03	0.54	0.04
Average	470	190	1	31.5	47.5		0.03		0.04
21-Nov-23	445	175	0	28.0	46.5	61.5	0.03	0.54	0.03
24-Nov-23	485	185	0	30.0	49.0	59.5	0.03	0.54	0.04
Average	465	180	0	29.0	48.0	60.5	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

Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM  
 National Technical Manager  
 Heidelberg Materials UK

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