



Heidelberg Materials UK
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Maidenhead, Berkshire, SL6 8QZ
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 05-Nov-23 (Week No. 2023-44)
and during week ending 15-Oct-23 (Week No. 2023-41) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m²/kg)	Initial (mins)	Expansion (mm)	40mm x 40mm x 160mm Mortar prisms			%	Certified Average Alkali % Na₂O eq	Standard Deviation
				2 Days (N/mm²)	7 Days (N/mm²)	28 Days (N/mm²)			
02-Nov-23	500	195	1	30.0	48.5		0.04	0.53	0.04
03-Nov-23	495	185	0	31.0	50.0		0.04	0.54	0.03
Average	500	190	1	30.5	49.5		0.04		0.04
10-Oct-23	485	170	0	30.5	47.0	58.5	0.03	0.50	0.06
13-Oct-23	490	180	1	31.5	48.0	59.5	0.03	0.51	0.05
Average	490	175	1	31.0	47.5	59.0	0.03		0.06

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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