



Hanson UK
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 Maidenhead, Berkshire, SL6 8QZ
 Padeswood Works
 1333-CPR-00121



Cement Test Report

Hanson Cement
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Results of tests made at the laboratories of the company on samples of
 Padeswood PC, BS EN 197-1:2011 - CEM I 52,5N

Dispatched from Padeswood during week ending
 and during week ending

20-Aug-23 (Week No. 2023-33)
 30-Jul-23 (Week No. 2023-30) 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)			
14-Aug-23	435	165	0	28.5	45.5		0.04	0.58	0.03
15-Aug-23	430	160	0	27.5	44.0		0.04	0.58	0.03
16-Aug-23	430	190	0	29.5	46.5		0.04	0.58	0.03
18-Aug-23	420	175	1	30.0	47.5		0.04	0.57	0.02
Average	430	175	0	29.0	46.0		0.04		0.03
24-Jul-23	435	170	1	30.0	48.5	59.5	0.04	0.61	0.05
25-Jul-23	440	175	1	31.0	48.0	59.0	0.04	0.61	0.05
27-Jul-23	450	165	0	30.5	47.0	60.0	0.04	0.61	0.05
28-Jul-23	435	170	1	29.0	46.0	60.0	0.04	0.61	0.05
Average	440	170	1	30.0	47.5	59.5	0.04		0.05

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
 HANSON CEMENT

Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
 National Technical Manager
 Hanson Cement

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