

## Chemical Report

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Composition of Padeswood PC, EN 197-1:2011, CEM I 52,5N  
Dispatched from Padeswood  
Chemical analysis for week ending 15-Jan-23

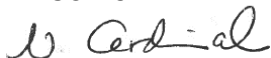
Week No. 2023-2

Compound	%
SiO <sub>2</sub>	19.44
Al <sub>2</sub> O <sub>3</sub>	4.62
Fe <sub>2</sub> O <sub>3</sub>	2.93
CaO	65.08
MgO	0.93
SO <sub>3</sub>	3.32
K <sub>2</sub> O	0.50
Na <sub>2</sub> O	0.19
Cl	0.02
Loss on Ignition	n/a
Not Detected	2.97
Total	97.03

	%
Insol Residue	n/a
Free CaO	0.9
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.53
LSF (x 100)	101.41

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	66.2
C <sub>2</sub> S	9.5
C <sub>3</sub> A	7.9
C <sub>4</sub> AF	4.2

For and on behalf of  
HANSON CEMENT



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

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