

## 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 02-Apr-23

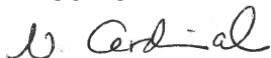
Week No. 2023-13

Compound	%
SiO <sub>2</sub>	19.80
Al <sub>2</sub> O <sub>3</sub>	4.80
Fe <sub>2</sub> O <sub>3</sub>	3.05
CaO	66.21
MgO	0.99
SO <sub>3</sub>	3.49
K <sub>2</sub> O	0.52
Na <sub>2</sub> O	0.20
Cl	0.04
Loss on Ignition	4.00
Not Detected	-3.08
Total	103.08

	%
Insol Residue	0.49
Free CaO	0.7
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.54
LSF (x 100)	100.95

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	62.7
C <sub>2</sub> S	11.4
C <sub>3</sub> A	7.9
C <sub>4</sub> AF	4.5

For and on behalf of  
HANSON CEMENT



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

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