

## 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 23-Jul-23

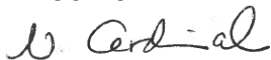
Week No. 2023-29

Compound	%
SiO <sub>2</sub>	19.60
Al <sub>2</sub> O <sub>3</sub>	4.87
Fe <sub>2</sub> O <sub>3</sub>	2.89
CaO	65.43
MgO	1.02
SO <sub>3</sub>	3.27
K <sub>2</sub> O	0.56
Na <sub>2</sub> O	0.20
Cl	0.04
Loss on Ignition	4.33
Not Detected	-2.19
Total	102.19

	%
Insol Residue	1.15
Free CaO	1.0
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.62
LSF (x 100)	100.86

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	66.3
C <sub>2</sub> S	8.0
C <sub>3</sub> A	8.5
C <sub>4</sub> AF	4.7

For and on behalf of  
HANSON CEMENT



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

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