

## 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 04-Dec-22

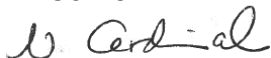
Week No. 2022-48

Compound	%
SiO <sub>2</sub>	19.70
Al <sub>2</sub> O <sub>3</sub>	4.84
Fe <sub>2</sub> O <sub>3</sub>	2.96
CaO	64.55
MgO	0.99
SO <sub>3</sub>	3.40
K <sub>2</sub> O	0.51
Na <sub>2</sub> O	0.19
Cl	0.03
Loss on Ignition	4.17
Not Detected	-1.33
Total	101.33

	%
Insol Residue	1.09
Free CaO	1.4
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.51
LSF (x 100)	98.86

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	64.4
C <sub>2</sub> S	9.6
C <sub>3</sub> A	7.8
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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