

## 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 24-Jul-22

Week No. 2022-29

Compound	%
SiO <sub>2</sub>	19.08
Al <sub>2</sub> O <sub>3</sub>	4.77
Fe <sub>2</sub> O <sub>3</sub>	2.70
CaO	61.78
MgO	1.01
SO <sub>3</sub>	3.35
K <sub>2</sub> O	0.58
Na <sub>2</sub> O	0.22
Cl	0.04
Loss on Ignition	3.79
Not Detected	2.68
Total	97.32

	%
Insol Residue	0.60
Free CaO	1.4
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.59
LSF (x 100)	97.60

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.4
C <sub>2</sub> S	12.3
C <sub>3</sub> A	7.5
C <sub>4</sub> AF	4.4

For and on behalf of  
HANSON CEMENT



*Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM  
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