

## 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 26-Mar-23

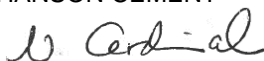
Week No. 2023-12

Compound	%
SiO <sub>2</sub>	19.81
Al <sub>2</sub> O <sub>3</sub>	4.82
Fe <sub>2</sub> O <sub>3</sub>	3.00
CaO	65.78
MgO	0.99
SO <sub>3</sub>	3.49
K <sub>2</sub> O	0.49
Na <sub>2</sub> O	0.17
Cl	0.03
Loss on Ignition	4.00
Not Detected	-2.58
Total	102.59

	%
Insol Residue	0.49
Free CaO	0.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.54
LSF (x 100)	100.21

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.6
C <sub>2</sub> S	12.7
C <sub>3</sub> A	8.1
C <sub>4</sub> AF	4.4

For and on behalf of  
HANSON CEMENT



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

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