

## 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-Oct-22

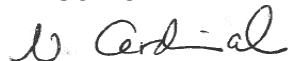
Week No. 2022-42

Compound	%
SiO <sub>2</sub>	19.26
Al <sub>2</sub> O <sub>3</sub>	4.96
Fe <sub>2</sub> O <sub>3</sub>	2.69
CaO	63.11
MgO	1.05
SO <sub>3</sub>	3.44
K <sub>2</sub> O	0.46
Na <sub>2</sub> O	0.20
Cl	0.03
Loss on Ignition	4.17
Not Detected	0.66
Total	99.34

	%
Insol Residue	1.09
Free CaO	1.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.49
LSF (x 100)	98.54

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	60.2
C <sub>2</sub> S	11.9
C <sub>3</sub> A	7.8
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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