

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 07-Aug-22

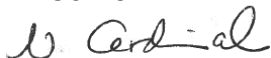
Week No. 2022-31

Compound	%
SiO ₂	19.17
Al ₂ O ₃	4.83
Fe ₂ O ₃	2.71
CaO	62.43
MgO	1.00
SO ₃	3.40
K ₂ O	0.57
Na ₂ O	0.22
Cl	0.04
Loss on Ignition	3.81
Not Detected	1.83
Total	98.17

	%
Insol Residue	0.84
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.60
LSF (x 100)	98.10

Clinker compounds by Rietveld analysis	
C ₃ S	63.3
C ₂ S	9.6
C ₃ A	8.0
C ₄ AF	4.1

For and on behalf of
HANSON CEMENT



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