

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 11-Dec-22

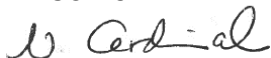
Week No. 2022-49

Compound	%
SiO ₂	19.55
Al ₂ O ₃	4.75
Fe ₂ O ₃	2.86
CaO	64.80
MgO	0.95
SO ₃	3.21
K ₂ O	0.50
Na ₂ O	0.18
Cl	0.03
Loss on Ignition	4.08
Not Detected	-0.90
Total	100.90

	%
Insol Residue	0.12
Free CaO	1.3
Certified Average Alkali Na ₂ O (Equiv)	0.51
LSF (x 100)	100.44

Clinker compounds by Rietveld analysis	
C ₃ S	66.1
C ₂ S	8.9
C ₃ A	8.4
C ₄ AF	4.0

For and on behalf of
HANSON CEMENT



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