

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 21-Feb-21

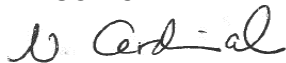
Week No. 2021-7

Compound	%
SiO ₂	20.10
Al ₂ O ₃	4.72
Fe ₂ O ₃	2.96
CaO	64.43
MgO	0.95
SO ₃	3.23
K ₂ O	0.59
Na ₂ O	0.19
Cl	0.05
Loss on Ignition	4.16
Not Detected	-1.35
Total	101.35

	%
Insol Residue	1.13
Free CaO	2.4
Certified Average Alkali Na ₂ O (Equiv)	0.57
LSF (x 100)	97.36

Clinker compounds by Rietveld analysis	
C ₃ S	58.6
C ₂ S	14.6
C ₃ A	7.4
C ₄ AF	4.9

For and on behalf of
HANSON CEMENT



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