

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 29-Aug-21

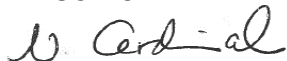
Week No. 2021-34

Compound	%
SiO ₂	20.03
Al ₂ O ₃	4.97
Fe ₂ O ₃	3.12
CaO	64.26
MgO	0.95
SO ₃	3.15
K ₂ O	0.58
Na ₂ O	0.20
Cl	0.06
Loss on Ignition	3.02
Not Detected	-0.35
Total	100.35

	%
Insol Residue	1.09
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.59
LSF (x 100)	96.91

Clinker compounds by Rietveld analysis	
C ₃ S	58.5
C ₂ S	17.1
C ₃ A	7.8
C ₄ AF	5.2

For and on behalf of
HANSON CEMENT



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