

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 16-Oct-22

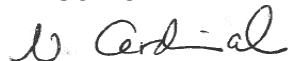
Week No. 2022-41

Compound	%
SiO ₂	19.08
Al ₂ O ₃	4.68
Fe ₂ O ₃	2.96
CaO	63.26
MgO	0.99
SO ₃	3.21
K ₂ O	0.48
Na ₂ O	0.15
Cl	0.03
Loss on Ignition	4.17
Not Detected	1.01
Total	98.99

	%
Insol Residue	1.09
Free CaO	1.7
Certified Average Alkali Na ₂ O (Equiv)	0.49
LSF (x 100)	100.11

Clinker compounds by Rietveld analysis	
C ₃ S	66.1
C ₂ S	6.9
C ₃ A	7.0
C ₄ AF	4.9

For and on behalf of
HANSON CEMENT



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

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