

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-May-22

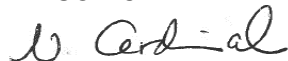
Week No. 2022-21

Compound	%
SiO ₂	19.00
Al ₂ O ₃	4.75
Fe ₂ O ₃	2.70
CaO	61.30
MgO	0.94
SO ₃	3.34
K ₂ O	0.59
Na ₂ O	0.19
Cl	0.04
Loss on Ignition	5.79
Not Detected	1.36
Total	98.65

	%
Insol Residue	1.25
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	97.21

Clinker compounds by Rietveld analysis	
C ₃ S	61.8
C ₂ S	10.2
C ₃ A	8.7
C ₄ AF	4.2

For and on behalf of
HANSON CEMENT



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

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