

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 25-Jul-21

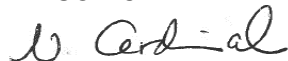
Week No. 2021-29

Compound	%
SiO ₂	19.76
Al ₂ O ₃	5.03
Fe ₂ O ₃	2.87
CaO	62.42
MgO	0.96
SO ₃	3.22
K ₂ O	0.60
Na ₂ O	0.19
Cl	0.05
Loss on Ignition	4.16
Not Detected	0.75
Total	99.25

	%
Insol Residue	0.97
Free CaO	0.6
Certified Average Alkali Na ₂ O (Equiv)	0.59
LSF (x 100)	95.16

Clinker compounds by Rietveld analysis	
C ₃ S	59.6
C ₂ S	13.5
C ₃ A	8.8
C ₄ AF	4.5

For and on behalf of
HANSON CEMENT



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

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