

Chemical Report

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Composition of Padeswood PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N
Dispatched from Padeswood
Chemical analysis for week ending 05-Feb-23

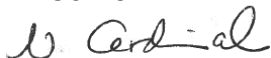
Week No. 2023-5

Compound	%
SiO ₂	17.50
Al ₂ O ₃	4.64
Fe ₂ O ₃	2.57
CaO	62.63
MgO	0.91
SO ₃	3.23
K ₂ O	0.41
Na ₂ O	0.16
Cl	0.02
Loss on Ignition	n/a
Not Detected	7.93
Total	92.07

	%
Insol Residue	n/a
Free CaO	1.5
Certified Average Alkali Na ₂ O (Equiv)	0.43
LSF (x 100)	107.34

Clinker compounds by Rietveld analysis	
C ₃ S	65.2
C ₂ S	0.8
C ₃ A	8.8
C ₄ AF	3.4

For and on behalf of
HANSON CEMENT



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