

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 15-Jan-23

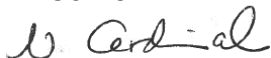
Week No. 2023-2

Compound	%
SiO ₂	19.11
Al ₂ O ₃	4.85
Fe ₂ O ₃	2.69
CaO	62.52
MgO	0.91
SO ₃	2.46
K ₂ O	0.37
Na ₂ O	0.17
Cl	0.01
Loss on Ignition	n/a
Not Detected	6.93
Total	93.07

	%
Insol Residue	n/a
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.43
LSF (x 100)	99.56

Clinker compounds by Rietveld analysis	
C ₃ S	63.8
C ₂ S	7.8
C ₃ A	8.9
C ₄ AF	4.0

For and on behalf of
HANSON CEMENT



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