

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 07-Aug-22

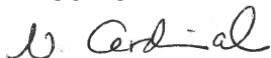
Week No. 2022-31

Compound	%
SiO ₂	18.80
Al ₂ O ₃	4.76
Fe ₂ O ₃	2.55
CaO	61.05
MgO	0.99
SO ₃	3.33
K ₂ O	0.49
Na ₂ O	0.20
Cl	0.04
Loss on Ignition	n/a
Not Detected	7.78
Total	92.22

	%
Insol Residue	n/a
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.52
LSF (x 100)	97.84

Clinker compounds by Rietveld analysis	
C ₃ S	60.5
C ₂ S	6.6
C ₃ A	8.8
C ₄ AF	3.7

For and on behalf of
HANSON CEMENT



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