

Chemical Report

Hanson Cement
Ketton
Stamford
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

Composition of Padeswood PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N
Dispatched from Padeswood
Chemical analysis for week ending 22-Jan-23

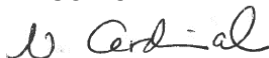
Week No. 2023-3

Compound	%
SiO ₂	17.78
Al ₂ O ₃	4.56
Fe ₂ O ₃	2.82
CaO	62.14
MgO	0.90
SO ₃	3.28
K ₂ O	0.41
Na ₂ O	0.17
Cl	0.02
Loss on Ignition	n/a
Not Detected	7.92
Total	92.08

	%
Insol Residue	n/a
Free CaO	0.4
Certified Average Alkali Na ₂ O (Equiv)	0.43
LSF (x 100)	104.82

Clinker compounds by Rietveld analysis	
C ₃ S	54.7
C ₂ S	13.0
C ₃ A	7.2
C ₄ AF	4.4

For and on behalf of
HANSON CEMENT



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

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