

Chemical Report

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

Composition of Padeswood PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Padeswood

Chemical analysis for week ending 10-Jul-22

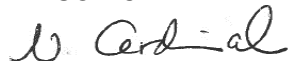
Week No. 2022-27

Compound	%
SiO ₂	19.08
Al ₂ O ₃	4.77
Fe ₂ O ₃	2.62
CaO	62.43
MgO	0.98
SO ₃	3.24
K ₂ O	0.56
Na ₂ O	0.22
Cl	0.04
Loss on Ignition	3.79
Not Detected	2.26
Total	97.74

	%
Insol Residue	0.60
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.59
LSF (x 100)	98.84

Clinker compounds by Rietveld analysis	
C ₃ S	64.7
C ₂ S	11.2
C ₃ A	9.0
C ₄ AF	3.8

For and on behalf of
HANSON CEMENT



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

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