

## 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 22-Jan-23

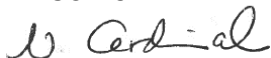
Week No. 2023-3

Compound	%
SiO <sub>2</sub>	19.48
Al <sub>2</sub> O <sub>3</sub>	4.65
Fe <sub>2</sub> O <sub>3</sub>	2.99
CaO	64.86
MgO	0.93
SO <sub>3</sub>	3.37
K <sub>2</sub> O	0.52
Na <sub>2</sub> O	0.19
Cl	0.03
Loss on Ignition	n/a
Not Detected	2.98
Total	97.02

	%
Insol Residue	n/a
Free CaO	1.1
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.53
LSF (x 100)	100.70

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	63.7
C <sub>2</sub> S	10.8
C <sub>3</sub> A	7.9
C <sub>4</sub> AF	4.5

For and on behalf of  
HANSON CEMENT



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

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