

## Chemical Report

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Composition of Padeswood PC, EN 197-1:2011, CEM I 52,5N  
Dispatched from Padeswood  
Chemical analysis for week ending 19-Apr-26

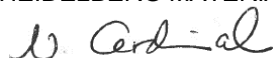
Week No. 2026-15

Compound	%
SiO <sub>2</sub>	20.37
Al <sub>2</sub> O <sub>3</sub>	5.26
Fe <sub>2</sub> O <sub>3</sub>	3.05
CaO	64.19
MgO	1.07
SO <sub>3</sub>	3.26
K <sub>2</sub> O	0.52
Na <sub>2</sub> O	0.20
Cl	0.04
Loss on Ignition	2.94
Not Detected	-0.87
Total	100.87

	%
Insol Residue	1.35
Free CaO	0.4
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.55
LSF (x 100)	94.79

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	56.9
C <sub>2</sub> S	15.0
C <sub>3</sub> A	8.8
C <sub>4</sub> AF	6.9

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
Technical Strategy Director  
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