

## 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 26-Apr-26

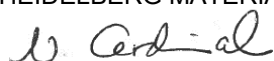
Week No. 2026-16

Compound	%
SiO <sub>2</sub>	20.28
Al <sub>2</sub> O <sub>3</sub>	5.23
Fe <sub>2</sub> O <sub>3</sub>	3.00
CaO	63.89
MgO	1.08
SO <sub>3</sub>	3.36
K <sub>2</sub> O	0.58
Na <sub>2</sub> O	0.22
Cl	0.06
Loss on Ignition	2.94
Not Detected	-0.63
Total	100.63

	%
Insol Residue	1.35
Free CaO	0.9
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.55
LSF (x 100)	94.71

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	57.4
C <sub>2</sub> S	14.8
C <sub>3</sub> A	8.8
C <sub>4</sub> AF	6.7

For and on behalf of  
HEIDELBERG MATERIALS UK



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