

## 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 01-Sep-24

Week No. 2024-35

Compound	%
SiO <sub>2</sub>	20.34
Al <sub>2</sub> O <sub>3</sub>	5.11
Fe <sub>2</sub> O <sub>3</sub>	3.23
CaO	64.19
MgO	1.05
SO <sub>3</sub>	3.39
K <sub>2</sub> O	0.46
Na <sub>2</sub> O	0.20
Cl	0.03
Loss on Ignition	3.66
Not Detected	-1.66
Total	101.66

	%
Insol Residue	0.33
Free CaO	0.9
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.52
LSF (x 100)	94.84

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	58.1
C <sub>2</sub> S	12.8
C <sub>3</sub> A	7.8
C <sub>4</sub> AF	7.5

For and on behalf of  
HEIDELBERG MATERIALS UK



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