



## Chemical Report

Heidelberg Materials

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

Dispatched from Padeswood

Chemical analysis for week ending 11-Jan-26

Week No. 2026-1

Compound	%
SiO <sub>2</sub>	20.45
Al <sub>2</sub> O <sub>3</sub>	5.08
Fe <sub>2</sub> O <sub>3</sub>	3.07
CaO	63.68
MgO	1.05
SO <sub>3</sub>	3.21
K <sub>2</sub> O	0.51
Na <sub>2</sub> O	0.20
Cl	0.05
Loss on Ignition	n/a
Not Detected	2.69
Total	97.31

	%
Insol Residue	n/a
Free CaO	1.4
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.55
LSF (x 100)	93.99

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	54.9
C <sub>2</sub> S	15.9
C <sub>3</sub> A	7.7
C <sub>4</sub> AF	7.1

For and on behalf of  
HEIDELBERG MATERIALS UK

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