

## 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 23-Jun-24

Week No. 2024-25

Compound	%
SiO <sub>2</sub>	20.26
Al <sub>2</sub> O <sub>3</sub>	5.30
Fe <sub>2</sub> O <sub>3</sub>	3.13
CaO	66.59
MgO	1.07
SO <sub>3</sub>	3.35
K <sub>2</sub> O	0.54
Na <sub>2</sub> O	0.22
Cl	0.06
Loss on Ignition	2.86
Not Detected	-3.37
Total	103.37

	%
Insol Residue	1.06
Free CaO	2.0
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.57
LSF (x 100)	98.66

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	59.3
C <sub>2</sub> S	10.3
C <sub>3</sub> A	8.4
C <sub>4</sub> AF	7.0

For and on behalf of  
HEIDELBERG MATERIALS UK



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