

## 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 26-May-24

Week No. 2024-21

Compound	%
SiO <sub>2</sub>	20.32
Al <sub>2</sub> O <sub>3</sub>	5.23
Fe <sub>2</sub> O <sub>3</sub>	3.10
CaO	66.88
MgO	1.09
SO <sub>3</sub>	3.35
K <sub>2</sub> O	0.52
Na <sub>2</sub> O	0.22
Cl	0.04
Loss on Ignition	3.11
Not Detected	-3.85
Total	103.85

	%
Insol Residue	1.07
Free CaO	1.9
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.57
LSF (x 100)	99.01

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	60.0
C <sub>2</sub> S	10.3
C <sub>3</sub> A	8.3
C <sub>4</sub> AF	7.0

For and on behalf of  
HEIDELBERG MATERIALS UK



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