

## 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 25-Feb-24

Week No. 2024-8

Compound	%
SiO <sub>2</sub>	20.43
Al <sub>2</sub> O <sub>3</sub>	5.24
Fe <sub>2</sub> O <sub>3</sub>	2.96
CaO	65.84
MgO	1.05
SO <sub>3</sub>	3.31
K <sub>2</sub> O	0.55
Na <sub>2</sub> O	0.19
Cl	0.04
Loss on Ignition	4.40
Not Detected	-4.00
Total	104.00

	%
Insol Residue	1.21
Free CaO	1.7
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.64
LSF (x 100)	97.12

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	57.6
C <sub>2</sub> S	13.4
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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