

## 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 13-Oct-24

Week No. 2024-41

Compound	%
SiO <sub>2</sub>	19.85
Al <sub>2</sub> O <sub>3</sub>	4.98
Fe <sub>2</sub> O <sub>3</sub>	3.21
CaO	64.50
MgO	1.03
SO <sub>3</sub>	3.45
K <sub>2</sub> O	0.46
Na <sub>2</sub> O	0.19
Cl	0.04
Loss on Ignition	3.47
Not Detected	-1.17
Total	101.17

	%
Insol Residue	1.40
Free CaO	2.3
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.49
LSF (x 100)	97.55

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	60.3
C <sub>2</sub> S	9.3
C <sub>3</sub> A	7.9
C <sub>4</sub> AF	6.9

For and on behalf of  
HEIDELBERG MATERIALS UK



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