

## 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 30-Jun-24

Week No. 2024-26

Compound	%
SiO <sub>2</sub>	20.45
Al <sub>2</sub> O <sub>3</sub>	5.15
Fe <sub>2</sub> O <sub>3</sub>	3.48
CaO	65.55
MgO	1.08
SO <sub>3</sub>	3.42
K <sub>2</sub> O	0.47
Na <sub>2</sub> O	0.22
Cl	0.02
Loss on Ignition	2.86
Not Detected	-2.69
Total	102.69

	%
Insol Residue	1.06
Free CaO	1.2
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.57
LSF (x 100)	96.23

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	62.2
C <sub>2</sub> S	9.7
C <sub>3</sub> A	6.6
C <sub>4</sub> AF	8.7

For and on behalf of  
HEIDELBERG MATERIALS UK



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