

## 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 31-Mar-24

Week No. 2024-13

Compound	%
SiO <sub>2</sub>	20.13
Al <sub>2</sub> O <sub>3</sub>	5.19
Fe <sub>2</sub> O <sub>3</sub>	2.89
CaO	65.38
MgO	1.06
SO <sub>3</sub>	3.15
K <sub>2</sub> O	0.50
Na <sub>2</sub> O	0.24
Cl	0.03
Loss on Ignition	3.06
Not Detected	-1.62
Total	101.62

	%
Insol Residue	0.88
Free CaO	3.2
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.55
LSF (x 100)	98.06

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	57.3
C <sub>2</sub> S	12.6
C <sub>3</sub> A	9.2
C <sub>4</sub> AF	6.3

For and on behalf of  
HEIDELBERG MATERIALS UK



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