

## 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 24-Nov-24

Week No. 2024-47

Compound	%
SiO <sub>2</sub>	20.20
Al <sub>2</sub> O <sub>3</sub>	5.00
Fe <sub>2</sub> O <sub>3</sub>	3.04
CaO	64.39
MgO	1.06
SO <sub>3</sub>	3.46
K <sub>2</sub> O	0.46
Na <sub>2</sub> O	0.20
Cl	0.04
Loss on Ignition	3.74
Not Detected	-1.58
Total	101.58

	%
Insol Residue	0.73
Free CaO	1.0
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.49
LSF (x 100)	96.03

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	60.6
C <sub>2</sub> S	9.6
C <sub>3</sub> A	7.7
C <sub>4</sub> AF	6.7

For and on behalf of  
HEIDELBERG MATERIALS UK



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