

## 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 04-Aug-24

Week No. 2024-31

Compound	%
SiO <sub>2</sub>	20.15
Al <sub>2</sub> O <sub>3</sub>	5.09
Fe <sub>2</sub> O <sub>3</sub>	3.34
CaO	64.47
MgO	1.03
SO <sub>3</sub>	3.34
K <sub>2</sub> O	0.48
Na <sub>2</sub> O	0.20
Cl	0.03
Loss on Ignition	3.01
Not Detected	-1.11
Total	101.11

	%
Insol Residue	1.08
Free CaO	1.0
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.52
LSF (x 100)	96.04

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.1
C <sub>2</sub> S	10.0
C <sub>3</sub> A	7.0
C <sub>4</sub> AF	8.5

For and on behalf of  
HEIDELBERG MATERIALS UK



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