

## 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 03-Mar-24


Week No. 2024-9

Compound	%
SiO <sub>2</sub>	20.56
Al <sub>2</sub> O <sub>3</sub>	5.15
Fe <sub>2</sub> O <sub>3</sub>	2.89
CaO	65.50
MgO	1.01
SO <sub>3</sub>	3.34
K <sub>2</sub> O	0.54
Na <sub>2</sub> O	0.18
Cl	0.03
Loss on Ignition	4.40
Not Detected	-3.59
Total	103.59

	%
Insol Residue	1.21
Free CaO	0.5
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.62
LSF (x 100)	96.25

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	59.5
C <sub>2</sub> S	13.7
C <sub>3</sub> A	8.8
C <sub>4</sub> AF	6.7

For and on behalf of  
HEIDELBERG MATERIALS UK



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