

## 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 07-Jul-24

Week No. 2024-27

Compound	%
SiO <sub>2</sub>	20.64
Al <sub>2</sub> O <sub>3</sub>	5.28
Fe <sub>2</sub> O <sub>3</sub>	3.39
CaO	65.51
MgO	1.09
SO <sub>3</sub>	3.35
K <sub>2</sub> O	0.45
Na <sub>2</sub> O	0.21
Cl	0.02
Loss on Ignition	2.86
Not Detected	-2.78
Total	102.78

	%
Insol Residue	1.06
Free CaO	0.7
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.55
LSF (x 100)	95.26

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.8
C <sub>2</sub> S	10.4
C <sub>3</sub> A	7.3
C <sub>4</sub> AF	8.5

For and on behalf of  
HEIDELBERG MATERIALS UK



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