

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 29-Sep-24

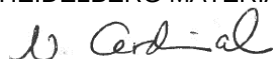
Week No. 2024-39

Compound	%
SiO ₂	19.88
Al ₂ O ₃	5.09
Fe ₂ O ₃	3.01
CaO	64.09
MgO	1.04
SO ₃	3.37
K ₂ O	0.48
Na ₂ O	0.17
Cl	0.03
Loss on Ignition	3.47
Not Detected	-0.63
Total	100.63

	%
Insol Residue	1.40
Free CaO	1.2
Certified Average Alkali Na ₂ O (Equiv)	0.50
LSF (x 100)	96.86

Clinker compounds by Rietveld analysis	
C ₃ S	61.3
C ₂ S	8.9
C ₃ A	8.6
C ₄ AF	6.6

For and on behalf of
HEIDELBERG MATERIALS UK



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