

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 08-Dec-24

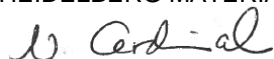
Week No. 2024-49

Compound	%
SiO ₂	20.22
Al ₂ O ₃	5.06
Fe ₂ O ₃	3.00
CaO	64.87
MgO	1.04
SO ₃	3.39
K ₂ O	0.49
Na ₂ O	0.19
Cl	0.04
Loss on Ignition	3.61
Not Detected	-1.91
Total	101.91

	%
Insol Residue	1.42
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.50
LSF (x 100)	96.69

Clinker compounds by Rietveld analysis	
C ₃ S	59.0
C ₂ S	11.1
C ₃ A	8.0
C ₄ AF	6.9

For and on behalf of
HEIDELBERG MATERIALS UK



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