

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 05-Jan-25

Week No. 2025-1

Compound	%
SiO ₂	20.05
Al ₂ O ₃	5.09
Fe ₂ O ₃	2.89
CaO	64.96
MgO	1.02
SO ₃	3.37
K ₂ O	0.49
Na ₂ O	0.20
Cl	0.04
Loss on Ignition	n/a
Not Detected	1.89
Total	98.11

	%
Insol Residue	n/a
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.51
LSF (x 100)	97.64

Clinker compounds by Rietveld analysis	
C ₃ S	59.9
C ₂ S	9.9
C ₃ A	8.9
C ₄ AF	6.2

For and on behalf of
HEIDELBERG MATERIALS UK



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