

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 23-Feb-25

Week No. 2025-7

Compound	%
SiO ₂	20.08
Al ₂ O ₃	4.97
Fe ₂ O ₃	2.92
CaO	64.94
MgO	1.02
SO ₃	3.45
K ₂ O	0.47
Na ₂ O	0.22
Cl	0.04
Loss on Ignition	2.70
Not Detected	-0.79
Total	100.79

	%
Insol Residue	0.77
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.54
LSF (x 100)	97.57

Clinker compounds by Rietveld analysis	
C ₃ S	60.7
C ₂ S	9.4
C ₃ A	8.6
C ₄ AF	6.1

For and on behalf of
HEIDELBERG MATERIALS UK



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