

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 21-Sep-25

Week No. 2025-37

Compound	%
SiO ₂	20.20
Al ₂ O ₃	5.05
Fe ₂ O ₃	3.14
CaO	63.86
MgO	1.05
SO ₃	3.21
K ₂ O	0.45
Na ₂ O	0.19
Cl	0.05
Loss on Ignition	2.64
Not Detected	0.16
Total	99.84

	%
Insol Residue	0.77
Free CaO	1.7
Certified Average Alkali Na ₂ O (Equiv)	0.48
LSF (x 100)	95.31

Clinker compounds by Rietveld analysis	
C ₃ S	59.9
C ₂ S	10.8
C ₃ A	8.1
C ₄ AF	7.6

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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