

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 27-Apr-25

Week No. 2025-16

Compound	%
SiO ₂	20.46
Al ₂ O ₃	4.96
Fe ₂ O ₃	3.37
CaO	64.46
MgO	1.02
SO ₃	3.35
K ₂ O	0.43
Na ₂ O	0.21
Cl	0.03
Loss on Ignition	2.72
Not Detected	-1.01
Total	101.01

	%
Insol Residue	1.95
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.49
LSF (x 100)	94.96

Clinker compounds by Rietveld analysis	
C ₃ S	60.1
C ₂ S	10.8
C ₃ A	7.0
C ₄ AF	8.0

For and on behalf of
HEIDELBERG MATERIALS UK



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