

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 02-Jun-24

Week No. 2024-22

Compound	%
SiO ₂	20.25
Al ₂ O ₃	5.31
Fe ₂ O ₃	3.10
CaO	66.95
MgO	1.06
SO ₃	3.38
K ₂ O	0.52
Na ₂ O	0.21
Cl	0.06
Loss on Ignition	3.91
Not Detected	-4.74
Total	104.74

	%
Insol Residue	1.27
Free CaO	2.0
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	99.26

Clinker compounds by Rietveld analysis	
C ₃ S	58.9
C ₂ S	10.1
C ₃ A	8.6
C ₄ AF	7.0

For and on behalf of
HEIDELBERG MATERIALS UK



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