

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-Jul-24

Week No. 2024-29

Compound	%
SiO ₂	20.34
Al ₂ O ₃	5.13
Fe ₂ O ₃	3.32
CaO	65.28
MgO	1.07
SO ₃	3.31
K ₂ O	0.50
Na ₂ O	0.21
Cl	0.04
Loss on Ignition	2.86
Not Detected	-2.05
Total	102.05

	%
Insol Residue	1.06
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.54
LSF (x 100)	96.46

Clinker compounds by Rietveld analysis	
C ₃ S	61.0
C ₂ S	9.6
C ₃ A	7.3
C ₄ AF	8.1

For and on behalf of
HEIDELBERG MATERIALS UK



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