

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 18-Feb-24

Week No. 2024-7

Compound	%
SiO ₂	20.03
Al ₂ O ₃	5.01
Fe ₂ O ₃	2.78
CaO	64.89
MgO	1.03
SO ₃	3.12
K ₂ O	0.58
Na ₂ O	0.19
Cl	0.04
Loss on Ignition	4.40
Not Detected	-2.05
Total	102.05

	%
Insol Residue	1.21
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	98.15

Clinker compounds by Rietveld analysis	
C ₃ S	60.3
C ₂ S	11.1
C ₃ A	8.4
C ₄ AF	6.5

For and on behalf of
HEIDELBERG MATERIALS UK



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