

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 17-Mar-24

Week No. 2024-11

Compound	%
SiO ₂	20.39
Al ₂ O ₃	5.16
Fe ₂ O ₃	2.83
CaO	65.67
MgO	1.05
SO ₃	3.36
K ₂ O	0.58
Na ₂ O	0.19
Cl	0.03
Loss on Ignition	4.40
Not Detected	-3.64
Total	103.64

	%
Insol Residue	1.21
Free CaO	1.2
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	97.23

Clinker compounds by Rietveld analysis	
C ₃ S	58.1
C ₂ S	13.5
C ₃ A	8.8
C ₄ AF	6.4

For and on behalf of
HEIDELBERG MATERIALS UK



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