

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 07-Apr-24

Week No. 2024-14

Compound	%
SiO ₂	20.22
Al ₂ O ₃	5.20
Fe ₂ O ₃	2.88
CaO	64.68
MgO	1.07
SO ₃	3.44
K ₂ O	0.52
Na ₂ O	0.25
Cl	0.03
Loss on Ignition	3.11
Not Detected	-1.39
Total	101.39

	%
Insol Residue	1.07
Free CaO	2.0
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	96.22

Clinker compounds by Rietveld analysis	
C ₃ S	57.4
C ₂ S	13.1
C ₃ A	8.8
C ₄ AF	6.5

For and on behalf of
HEIDELBERG MATERIALS UK



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