

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 14-Apr-24

Week No. 2024-15

Compound	%
SiO ₂	20.25
Al ₂ O ₃	5.16
Fe ₂ O ₃	2.73
CaO	64.89
MgO	1.05
SO ₃	3.40
K ₂ O	0.53
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)	96.67

Clinker compounds by Rietveld analysis	
C ₃ S	57.5
C ₂ S	13.5
C ₃ A	9.3
C ₄ AF	5.8

For and on behalf of
HEIDELBERG MATERIALS UK



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