

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-Apr-24

Week No. 2024-16

Compound	%
SiO ₂	20.21
Al ₂ O ₃	5.19
Fe ₂ O ₃	2.77
CaO	64.94
MgO	1.05
SO ₃	3.29
K ₂ O	0.52
Na ₂ O	0.24
Cl	0.03
Loss on Ignition	3.11
Not Detected	-1.32
Total	101.32

	%
Insol Residue	1.07
Free CaO	1.7
Certified Average Alkali Na ₂ O (Equiv)	0.57
LSF (x 100)	96.96

Clinker compounds by Rietveld analysis	
C ₃ S	59.0
C ₂ S	12.5
C ₃ A	9.3
C ₄ AF	5.9

For and on behalf of
HEIDELBERG MATERIALS UK



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National Technical Manager

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