

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 12-May-24

Week No. 2024-19

Compound	%
SiO ₂	20.49
Al ₂ O ₃	5.45
Fe ₂ O ₃	2.98
CaO	66.83
MgO	1.06
SO ₃	3.47
K ₂ O	0.50
Na ₂ O	0.23
Cl	0.05
Loss on Ignition	3.11
Not Detected	-4.15
Total	104.15

	%
Insol Residue	1.07
Free CaO	1.3
Certified Average Alkali Na ₂ O (Equiv)	0.57
LSF (x 100)	97.82

Clinker compounds by Rietveld analysis	
C ₃ S	59.7
C ₂ S	10.5
C ₃ A	10.1
C ₄ AF	6.0

For and on behalf of
HEIDELBERG MATERIALS UK



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National Technical Manager

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