

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 19-May-24

Week No. 2024-20

Compound	%
SiO ₂	20.37
Al ₂ O ₃	5.36
Fe ₂ O ₃	3.06
CaO	66.44
MgO	1.04
SO ₃	3.26
K ₂ O	0.54
Na ₂ O	0.22
Cl	0.06
Loss on Ignition	3.11
Not Detected	-3.45
Total	103.45

	%
Insol Residue	1.07
Free CaO	1.7
Certified Average Alkali Na ₂ O (Equiv)	0.57
LSF (x 100)	98.00

Clinker compounds by Rietveld analysis	
C ₃ S	57.4
C ₂ S	12.0
C ₃ A	9.2
C ₄ AF	6.7

For and on behalf of
HEIDELBERG MATERIALS UK



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