

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 08-Jun-25

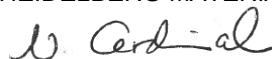
Week No. 2025-22

Compound	%
SiO ₂	20.21
Al ₂ O ₃	4.94
Fe ₂ O ₃	3.36
CaO	64.77
MgO	1.01
SO ₃	3.34
K ₂ O	0.44
Na ₂ O	0.22
Cl	0.04
Loss on Ignition	2.94
Not Detected	-1.25
Total	101.25

	%
Insol Residue	1.30
Free CaO	1.5
Certified Average Alkali Na ₂ O (Equiv)	0.52
LSF (x 100)	96.50

Clinker compounds by Rietveld analysis	
C ₃ S	59.3
C ₂ S	10.5
C ₃ A	7.3
C ₄ AF	8.0

For and on behalf of
HEIDELBERG MATERIALS UK



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