

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 26-Jan-25

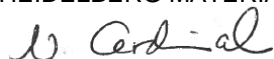
Week No. 2025-3

Compound	%
SiO ₂	20.21
Al ₂ O ₃	5.11
Fe ₂ O ₃	2.96
CaO	64.52
MgO	1.05
SO ₃	3.36
K ₂ O	0.48
Na ₂ O	0.21
Cl	0.05
Loss on Ignition	n/a
Not Detected	2.06
Total	97.94

	%
Insol Residue	n/a
Free CaO	1.8
Certified Average Alkali Na ₂ O (Equiv)	0.52
LSF (x 100)	96.17

Clinker compounds by Rietveld analysis	
C ₃ S	60.6
C ₂ S	10.0
C ₃ A	8.4
C ₄ AF	6.6

For and on behalf of
HEIDELBERG MATERIALS UK



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