

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 06-Apr-25

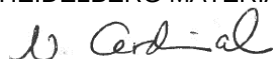
Week No. 2025-13

Compound	%
SiO ₂	20.36
Al ₂ O ₃	4.95
Fe ₂ O ₃	3.41
CaO	63.46
MgO	1.05
SO ₃	3.29
K ₂ O	0.40
Na ₂ O	0.21
Cl	0.03
Loss on Ignition	2.72
Not Detected	0.12
Total	99.88

	%
Insol Residue	1.95
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.51
LSF (x 100)	93.85

Clinker compounds by Rietveld analysis	
C ₃ S	57.7
C ₂ S	12.9
C ₃ A	6.9
C ₄ AF	8.2

For and on behalf of
HEIDELBERG MATERIALS UK



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