



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 09-Mar-25

Week No. 2025-9

Compound	%
SiO ₂	20.34
Al ₂ O ₃	5.10
Fe ₂ O ₃	3.01
CaO	65.45
MgO	1.02
SO ₃	3.34
K ₂ O	0.44
Na ₂ O	0.23
Cl	0.04
Loss on Ignition	2.70
Not Detected	-1.65
Total	101.65

	%
Insol Residue	0.77
Free CaO	1.3
Certified Average Alkali Na ₂ O (Equiv)	0.54
LSF (x 100)	97.05

Clinker compounds by Rietveld analysis	
C ₃ S	59.7
C ₂ S	11.0
C ₃ A	8.8
C ₄ AF	6.4

For and on behalf of
HEIDELBERG MATERIALS UK

N. Cardinal

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