

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 16-Mar-25

Week No. 2025-10

Compound	%
SiO ₂	20.53
Al ₂ O ₃	5.01
Fe ₂ O ₃	3.38
CaO	64.82
MgO	1.02
SO ₃	3.25
K ₂ O	0.43
Na ₂ O	0.21
Cl	0.03
Loss on Ignition	2.70
Not Detected	-1.38
Total	101.38

	%
Insol Residue	0.77
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.54
LSF (x 100)	95.21

Clinker compounds by Rietveld analysis	
C ₃ S	57.5
C ₂ S	13.5
C ₃ A	7.4
C ₄ AF	7.8

For and on behalf of
HEIDELBERG MATERIALS UK



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