

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 23-Mar-25

Week No. 2025-11

Compound	%
SiO ₂	20.36
Al ₂ O ₃	5.09
Fe ₂ O ₃	3.27
CaO	64.76
MgO	1.01
SO ₃	3.28
K ₂ O	0.44
Na ₂ O	0.20
Cl	0.03
Loss on Ignition	3.12
Not Detected	-1.56
Total	101.56

	%
Insol Residue	1.70
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.53
LSF (x 100)	95.77

Clinker compounds by Rietveld analysis	
C ₃ S	58.8
C ₂ S	11.3
C ₃ A	8.3
C ₄ AF	7.3

For and on behalf of
HEIDELBERG MATERIALS UK



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