

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-Feb-25

Week No. 2025-5

Compound	%
SiO ₂	20.40
Al ₂ O ₃	5.19
Fe ₂ O ₃	3.15
CaO	64.15
MgO	1.07
SO ₃	3.36
K ₂ O	0.54
Na ₂ O	0.23
Cl	0.06
Loss on Ignition	2.70
Not Detected	-0.84
Total	100.84

	%
Insol Residue	0.77
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.53
LSF (x 100)	94.52

Clinker compounds by Rietveld analysis	
C ₃ S	59.2
C ₂ S	11.9
C ₃ A	7.9
C ₄ AF	7.5

For and on behalf of
HEIDELBERG MATERIALS UK



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