

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-Nov-25

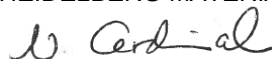
Week No. 2025-46

Compound	%
SiO ₂	20.41
Al ₂ O ₃	5.19
Fe ₂ O ₃	2.85
CaO	64.25
MgO	1.07
SO ₃	3.27
K ₂ O	0.51
Na ₂ O	0.21
Cl	0.06
Loss on Ignition	2.73
Not Detected	-0.53
Total	100.54

	%
Insol Residue	1.10
Free CaO	2.1
Certified Average Alkali Na ₂ O (Equiv)	0.52
LSF (x 100)	94.98

Clinker compounds by Rietveld analysis	
C ₃ S	55.5
C ₂ S	14.8
C ₃ A	9.1
C ₄ AF	6.1

For and on behalf of
HEIDELBERG MATERIALS UK



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