

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-Nov-25

Week No. 2025-45

Compound	%
SiO ₂	20.25
Al ₂ O ₃	5.21
Fe ₂ O ₃	2.81
CaO	64.87
MgO	1.11
SO ₃	3.39
K ₂ O	0.50
Na ₂ O	0.21
Cl	0.06
Loss on Ignition	2.73
Not Detected	-1.14
Total	101.14

	%
Insol Residue	1.10
Free CaO	2.0
Certified Average Alkali Na ₂ O (Equiv)	0.51
LSF (x 100)	96.46

Clinker compounds by Rietveld analysis	
C ₃ S	55.7
C ₂ S	13.4
C ₃ A	9.4
C ₄ AF	6.1

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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