

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 31-Aug-25

Week No. 2025-34

Compound	%
SiO ₂	20.42
Al ₂ O ₃	5.00
Fe ₂ O ₃	3.14
CaO	64.28
MgO	1.06
SO ₃	3.24
K ₂ O	0.45
Na ₂ O	0.18
Cl	0.04
Loss on Ignition	2.64
Not Detected	-0.44
Total	100.44

	%
Insol Residue	0.77
Free CaO	1.2
Certified Average Alkali Na ₂ O (Equiv)	0.51
LSF (x 100)	95.10

Clinker compounds by Rietveld analysis	
C ₃ S	60.0
C ₂ S	10.5
C ₃ A	7.4
C ₄ AF	7.3

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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