

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 22-Feb-26

Week No. 2026-7

Compound	%
SiO ₂	20.30
Al ₂ O ₃	5.04
Fe ₂ O ₃	3.09
CaO	64.72
MgO	1.07
SO ₃	3.27
K ₂ O	0.54
Na ₂ O	0.19
Cl	0.07
Loss on Ignition	3.14
Not Detected	-1.42
Total	101.42

	%
Insol Residue	1.29
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	96.21

Clinker compounds by Rietveld analysis	
C ₃ S	58.1
C ₂ S	12.9
C ₃ A	7.6
C ₄ AF	7.3

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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