

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-Mar-26

Week No. 2026-11

Compound	%
SiO ₂	20.32
Al ₂ O ₃	5.11
Fe ₂ O ₃	3.04
CaO	64.67
MgO	1.05
SO ₃	3.21
K ₂ O	0.56
Na ₂ O	0.20
Cl	0.07
Loss on Ignition	3.14
Not Detected	-1.36
Total	101.36

	%
Insol Residue	1.29
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.55
LSF (x 100)	96.02

Clinker compounds by Rietveld analysis	
C ₃ S	57.6
C ₂ S	13.7
C ₃ A	8.0
C ₄ AF	7.1

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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