

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 08-Feb-26

Week No. 2026-5

Compound	%
SiO ₂	20.38
Al ₂ O ₃	5.05
Fe ₂ O ₃	3.09
CaO	64.13
MgO	1.06
SO ₃	3.27
K ₂ O	0.53
Na ₂ O	0.20
Cl	0.07
Loss on Ignition	3.64
Not Detected	-1.41
Total	101.41

	%
Insol Residue	1.13
Free CaO	1.9
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	94.96

Clinker compounds by Rietveld analysis	
C ₃ S	56.7
C ₂ S	14.1
C ₃ A	7.6
C ₄ AF	7.4

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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