

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 25-Jan-26

Week No. 2026-3

Compound	%
SiO ₂	20.54
Al ₂ O ₃	5.10
Fe ₂ O ₃	3.07
CaO	63.97
MgO	1.09
SO ₃	3.36
K ₂ O	0.53
Na ₂ O	0.22
Cl	0.06
Loss on Ignition	n/a
Not Detected	2.06
Total	97.94

	%
Insol Residue	n/a
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.56
LSF (x 100)	93.89

Clinker compounds by Rietveld analysis	
C ₃ S	55.1
C ₂ S	11.1
C ₃ A	7.7
C ₄ AF	7.2

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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