

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-Mar-26

Week No. 2026-9

Compound	%
SiO ₂	20.30
Al ₂ O ₃	5.05
Fe ₂ O ₃	3.10
CaO	64.62
MgO	1.06
SO ₃	3.34
K ₂ O	0.53
Na ₂ O	0.20
Cl	0.07
Loss on Ignition	3.14
Not Detected	-1.41
Total	101.41

	%
Insol Residue	1.29
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.55
LSF (x 100)	95.95

Clinker compounds by Rietveld analysis	
C ₃ S	57.2
C ₂ S	13.9
C ₃ A	7.7
C ₄ AF	7.4

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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