

Chemical Report

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Composition of Padeswood PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Padeswood
Chemical analysis for week ending 23-Aug-26

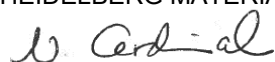
Week No. 2026-33

Compound	%
SiO ₂	20.41
Al ₂ O ₃	5.41
Fe ₂ O ₃	3.07
CaO	64.12
MgO	1.07
SO ₃	3.36
K ₂ O	0.51
Na ₂ O	0.22
Cl	0.03
Loss on Ignition	3.08
Not Detected	-1.26
Total	101.26

	%
Insol Residue	1.57
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.55
LSF (x 100)	94.13

Clinker compounds by Rietveld analysis	
C ₃ S	56.7
C ₂ S	14.6
C ₃ A	8.8
C ₄ AF	6.7

For and on behalf of
HEIDELBERG MATERIALS UK



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