

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 02-Aug-26

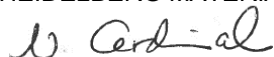
Week No. 2026-30

Compound	%
SiO ₂	20.36
Al ₂ O ₃	5.25
Fe ₂ O ₃	3.15
CaO	63.87
MgO	1.04
SO ₃	3.46
K ₂ O	0.54
Na ₂ O	0.22
Cl	0.04
Loss on Ignition	2.89
Not Detected	-0.81
Total	100.81

	%
Insol Residue	1.41
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.55
LSF (x 100)	94.03

Clinker compounds by Rietveld analysis	
C ₃ S	57.2
C ₂ S	13.7
C ₃ A	8.2
C ₄ AF	7.1

For and on behalf of
HEIDELBERG MATERIALS UK



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